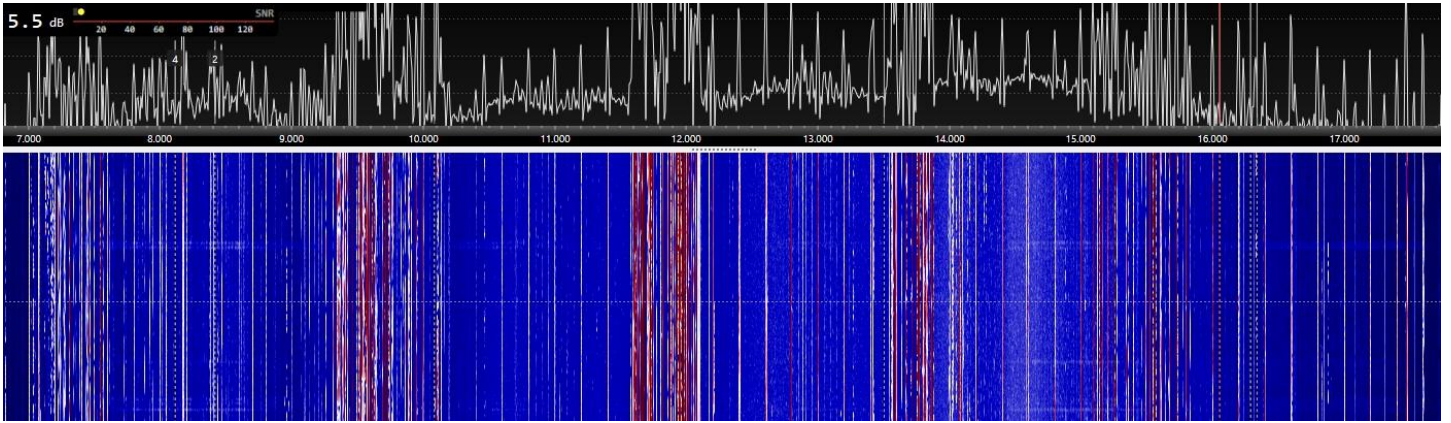
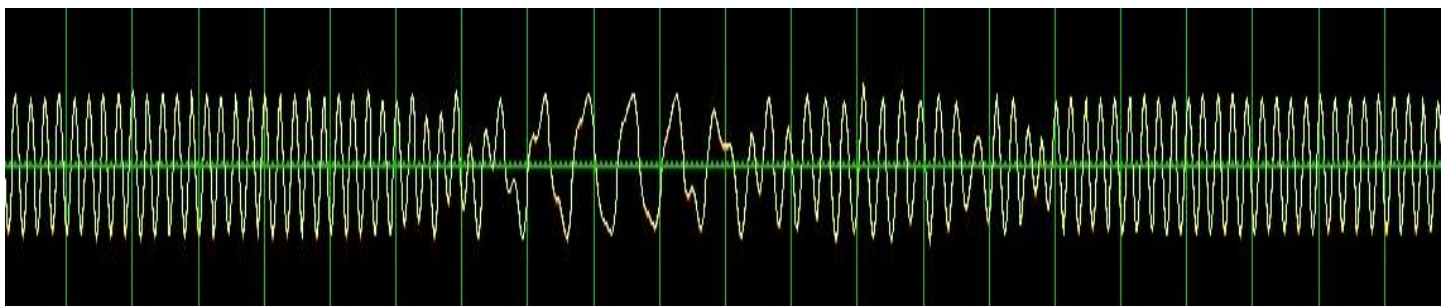




# CONTENT



CONTENT.....	2
FOREWORD.....	3
VOICE STATIONS .....	3
MORSE STATIONS .....	15
DIGITAL MODES .....	26
DIPLOMATIC STATIONS.....	67
UTILITY ROUND-UP .....	68
LOGS SECTION.....	69
CONTRIBUTORS.....	120
APPENDIX.....	121
COLOPHON .....	124



## FOREWORD

Due to personal circumstances and my vacation, I had much less time for the hobby than usual. Fortunately, my Priyom friends helped out. On the first days of July I received well over 1200 logs and ca 380 recordings. That was a lot to process. I almost need another vacation ☺ Thanks everyone!!!

Russian tests were noted on 19 and 20 June. A very long session took place on 8150 kHz, from 1541 until ca 1900z with M12, XPA1, XPA2, P07, F07, X06b and X06d tests.

All scheduled Polish 11 transmissions were missing on 19 June between 0600 and 1205 UTC, and also on 22 June between 1020 and 1645 UTC.

## VOICE STATIONS

### E06

#### 13985/15830 kHz, 20-06/21-06, 0500/0600 UTC

328 146 50  
47562 19712 14018 16247 20460 29749 56695 15834 68062 09359  
29034 80518 64146 41654 92760 24762 85191 04908 93612 24102  
18139 55093 92777 66098 83872 87034 91402 66612 87358 28858  
21600 18605 30384 49432 02399 65638 47829 83487 84077 17279  
53412 04090 29307 48573 05851 97171 04551 50806 31358 17806  
146 50 00000

#### 13985/15830 kHz, 20-06/21-06, 0500/0600 UTC

328 741 50  
10016 87215 18895 08371 49452 39894 24918 77325 16827 31874  
70786 88747 45578 39980 63836 70414 05034 38081 84528 55166  
87106 99286 41150 73185 61434 40416 35948 01406 16174 94705  
72372 18484 26619 23661 58127 38781 18843 04015 83694 23779  
20551 50724 81054 94382 16316 61930 92252 92532 49408 96831  
741 50 00000

### E07

#### 13417/14717/15817 kHz, 1410/1430/1450 UTC

#### 13417/14717/15817 kHz, 06-06/08-06, 1410/1430/1450 UTC

603 603 603 1 6395 88 6395 88  
78271 24770 32053 31658 58324 44539 88075 13872 99881 15345  
99390 33086 65117 26792 97018 70165 71703 89880 69643 51918  
95335 66289 77978 12185 43550 52258 81027 77357 13413 33214  
76941 64018 50760 18690 64946 26208 99680 35011 50648 64750  
70072 94706 17171 10552 91273 95565 80784 95350 66678 21654  
17978 17001 75719 62361 50677 77563 34010 02702 53881 92214  
47724 75228 71812 58993 19115 77004 20700 78770 20952 69927  
12302 59196 92209 38735 32011 64830 02959 68139 83192 28806  
32122 14694 68215 53366 65561 67144 53124 04569 000 000

#### 13417/14717/15817 kHz, 20-06/22-06, 1410/1430/1450 UTC

603 603 603 1 6971 132 6971 132  
08496 82127 21263 51462 40494 91977 77693 35377 48495 78950  
46400 95094 36323 77493 41649 17134 20166 17017 11176 10153  
07943 92996 49298 46453 66357 96872 54156 57747 70315 60260  
46569 35287 97353 72699 01652 32008 61097 49283 61398 64433  
47980 75596 95961 11716 92908 29891 80048 86557 24374 44123  
58344 67821 68472 78713 98500 70837 13486 46598 56058 31251  
63218 48336 94910 08637 07511 31056 08608 97824 88044 46072  
93314 40841 00099 78733 34345 30846 80759 77203 04155 74225  
75082 77066 38086 51879 04085 00737 08571 65045 52504 11718

78063 07846 73435 97841 49679 46994 00544 92033 96123 74054  
86923 26599 60828 46935 42821 82622 22813 10143 43837 14195  
71140 46806 66105 50050 88294 65597 53932 33397 23574 84196  
77323 12939 73987 50366 75490 44992 02428 65270 32422 59450  
40283 69207 000 000

14945/16145/18245 kHz, 1500/1520/1540 UTC

**14945/16145/18245 kHz, 11-06/14-06, 1500/1520/1540 UTC**

912 912 912 1 232 141 232 141  
15370 33170 13528 72045 41704 40638 48180 61803 55397 17157  
95442 04658 36299 89132 24052 11197 99075 79729 24137 76697  
33397 84773 01850 41798 65539 12106 80762 09196 12761 28364  
48963 30419 76284 86991 19591 11812 96613 56342 36617 94167  
60334 98020 51563 94154 19729 15994 83399 29031 06206 92564  
47065 54334 24309 38463 17979 82068 48174 04505 82178 76862  
92898 26907 19880 81602 12338 09404 08934 51229 81504 51770  
09153 66652 30999 62072 58215 73682 84866 34009 96876 30307  
23070 17933 77043 62195 77717 09202 43379 34449 84051 72607  
81019 44891 71823 42490 28610 29315 71079 42327 41503 06418  
16337 59994 97108 62441 76793 48282 86452 85641 99403 71011  
81970 45482 66692 42429 57108 50195 83502 21726 55015 73178  
77255 39101 71738 92242 70557 82415 59696 08466 44884 61832  
33137 48053 33585 85921 41511 46649 27592 19409 16573 49725  
66737 000 000

**14945/16145/18245 kHz, 25-06/28-06, 1500/1520/1540 UTC**

912 912 912 1 8786 93 8796 93  
81471 70430 55075 96564 92898 72338 51139 24870 84147 80909  
76537 70893 23228 52108 32527 76927 85159 45791 15941 08739  
56886 42495 47283 25948 31192 19646 23531 15894 86301 58742  
10384 93447 72047 79596 23225 75257 72528 56771 85909 91004  
74476 65487 47105 81762 39749 67479 50707 55790 29664 87912  
14264 98606 81324 21078 37146 08865 21824 76101 10600 29408  
40967 71170 81507 80831 59466 37242 62693 30267 07280 47180  
61249 99841 26245 59438 00879 55992 37482 95968 47709 25761  
53848 70655 65556 53195 03330 86033 11579 27955 23549 50061  
67642 11173 87114 000 000

***E11a***

**9610 kHz, 03-06, 0745 UTC**

**10356 kHz, 06-06, 1530 UTC**

261/38 Attention

49402 39057 48041 98427 04704 96945 43742 57404 90411 73105  
92647 45149 50963 71742 28045 97327 91659 75084 14138 05070  
60717 19798 32812 68449 94413 49885 14055 99397 60901 87911  
74290 51161 01517 35716 32895 66936 89191 34830

Attention (message repeated) Out

**8274 kHz, 03-02/04-02, 0700 UTC**

463/37 Attention

67054 27290 90340 00084 83846 26002 68300 02433 85810 95693  
60539 99036 29521 24169 08728 33514 26175 08529 58626 30993  
22549 11151 26493 71738 91438 27541 69428 71023 38741 25332  
89149 81605 31049 87362 20558 91002 78234

Attention (message repeated) Out

**12815 kHz, 03-06/05-06, 0845 UTC**

716/34 Attention

34251 10128 58973 59369 81374 77182 22802 30160 03389 66653  
72171 25765 58536 11617 49098 88620 20681 63540 72837 60003  
02980 22773 01465 98007 71218 18044 08852 78123 39341 45137  
77227 40430 30679 53808

Attention (message repeated) Out

**5231 kHz, 04-06/09-06, 1605 UTC**

238/37 Attention

74890 09526 84627 61707 80178 68252 39826 30697 88897 70411  
11063 48604 57063 51840 69852 66602 12865 10726 29580 76226  
76388 37628 21934 76173 35301 71180 24173 15981 60178 94328  
93187 22010 28519 66680 69421 23681 06143

Attention (message repeated) Out

**16125 kHz, 10-06/12-06, 0315 UTC**

251/31 Attention

49133 16532 75749 08471 60857 21739 63744 17394 09148 92284  
73119 20624 82261 93394 40218 41688 90536 54255 43773 30890  
54800 58349 29477 70901 87705 51791 47328 62865 72097 24487  
14506

Attention (message repeated) Out

**9150 kHz, 07-06/09-06, 0600 UTC**

352/40 Attention

52990 27272 03353 24023 71548 87311 34103 53316 40834 80632  
38316 93824 47283 32381 53020 68626 78940 70003 29995 93044  
37850 24160 33571 45280 17427 18584 30052 44545 08159 68465  
51212 59717 26577 77790 49500 55699 10083 41905 90687 36836

Attention (message repeated) Out

**7469 kHz, 10-06, 0450 UTC**

**8088 kHz, 13-06, 1730 UTC**

418/34 Attention

08980 15037 44149 86850 86704 00381 67002 94231 26456 75884  
27930 18573 03955 13867 49706 31409 28683 97109 18957 53653  
17674 14925 46429 69383 31116 14368 28084 01658 68883 28299  
44634 17563 09912 53740

Attention (repeat message) Out

**15915 kHz, 10-06/12-06, 0715UTC**

759/32 Attention

18395 32721 50560 20352 06467 38226 46638 85115 57813 09937  
38456 05444 67584 31211 14499 92157 04811 86759 48696 79375  
33522 51583 19540 17906 30662 41528 33953 14570 15791 27046  
00349 97076

Attention (repeat message) Out

**12153 kHz, 11-06/14-06, 1000 UTC**

300/21 Attention

20220 88904 41753 07465 88950 78034 78847 15457 34653 60440  
86676 28511 52534 53971 72418 34896 00246 62448 46287 40832  
00644

Attention (message repeated) Out

**14575 kHz, 11-06/13-06, 1645 UTC**

335/36 Attention

04024 60266 02209 04774 30814 87954 51179 24913 87501 19213  
73207 13269 99214 15092 08612 05483 93732 51802 41896 58177  
88879 44711 90033 48900 32149 70365 12566 50361 00317 63820  
38914 73690 76462 05177 33369 01462

Attention (message repeated) Out

**6923 kHz, 12-06/13-06, 0930 UTC**

279/31 Attention

16653 84644 36388 49345 66122 28550 15684 46061 14529 61310  
65602 70852 02517 02074 26986 63802 08061 81948 84240 24860  
20214 39818 85977 08970 57517 59241 79324 19806 00778 55504  
15495

Attention (message repeated) Out

**8088 kHz, 13-06, 1730 UTC**

418/34 Attention

08980 15037 44149 86850 86704 00381 67002 94231 26456 75884  
27930 18573 03955 13867 49706 31409 28683 97109 18957 53653  
17674 14925 46429 69383 31116 14368 28084 01658 68883 28299  
44634 17563 09912 53740

Attention (message repeated) Out

**9610 kHz, 14-06/16-06, 1910 UTC**

612/38 Attention

83996 40859 42303 72169 64419 65886 96211 66260 06158 18976  
80783 44360 14041 39271 66485 85474 29673 06583 32629 56319  
54227 58120 81485 39971 61176 22390 76778 37692 22385 15084  
64279 26341 66313 55083 64393 19042 54171 96295

Attention (message repeated) Out

**20170 kHz, 17-06/19-06, 0600 UTC**

941/37 Attention

54923 82968 01772 85471 71683 90189 95687 64372 09828 53367  
21468 60511 90864 68120 85869 38645 53734 82630 18162 31172  
94669 92295 08288 13795 15779 80444 64305 79338 36670 76370  
10596 63288 10165 32561 45166 07281 38902

Attention (repeat message) Out

**16335 kHz, 17-06/21-06, 0830 UTC**

181/26 Attention

71740 77642 61395 33339 97424 53307 37576 24063 15585 63823  
83212 44166 53598 36482 60535 20227 33103 99319 45508 80020  
94593 05497 40492 87768 76494 18749

Attention (message repeated) Out

**11116 kHz, 17-06/19-06, 0900 UTC**

536/33 Attention

98355 09369 74385 08629 58678 76449 69888 09819 63150 58392  
47065 43611 39215 63021 93468 50782 70154 65261 01408 14295  
23090 04302 85284 94479 59140 16530 53821 07499 09359 70332  
59179 62921 64108

Attention (repeat message) Out

**7600 kHz, 17-06/20-06, 1900 UTC**

640/37 Attention

00893 40514 55876 13567 00444 45226 36199 95894 24121 59154  
45371 10488 70992 11303 05493 27328 78541 70723 84887 08284  
12534 08319 82793 26067 12057 98686 71058 16432 62401 87936  
48613 32358 40876 58719 61947 39768 85080

Attention (message repeated) Out

**12530 kHz, 18-06/21-06, 0715 UTC**

634/35 Attention

46904 10205 34082 71215 21394 33494 07837 80691 02570 73676  
97647 46413 07866 61900 79902 75821 94024 37157 30703 91250  
06867 89239 72549 66971 16924 49963 46855 01359 48871 30195  
15079 69231 19450 53765 09674

Attention (message repeated) Out

**14940 kHz, 18-06/20-06, 0745 UTC**

228/38 Attention

45797 07935 05077 89241 45618 19367 54459 65099 44335 99106  
47090 96284 09244 86438 36886 67555 67601 83235 54139 16016  
26070 87582 22797 26605 15190 34739 74827 87878 59418 77726  
19175 22526 20979 01315 19305 09985 05111 02287

Attention (message repeated) Out

**13363 kHz, 18-06/22-06, 1430 UTC**

912/35 Attention

63518 04299 43866 00361 86153 94815 97001 67745 13143 48459  
28876 53565 26078 75692 82913 54664 77643 95100 75855 22345  
75636 50050 86788 79178 45018 29282 82413 06163 53194 83218  
06256 08399 04925 63398 80755

Attention (message repeated) Out

**4783 kHz, 19-06/22-06, 1610 UTC**

393/33 Attention

66085 43280 27253 03270 29480 55585 42338 03694 01969 28587  
50936 80667 85612 95376 11942 43778 90150 91742 32178 12304  
35639 15387 03597 47569 97279 61392 20604 09573 89786 99372  
31484 65484 35265

Attention (message repeated) Out

**5409 kHz, 20-06/23-06, 2000 UTC**

520/35 Attention

52114 90182 48659 71488 85049 55014 56428 48702 92616 06999  
21827 78588 62764 18524 74612 18995 07201 39943 68372 52053  
27881 58216 46247 41919 13453 84356 04190 16834 05906 64851  
48260 31796 05450 19287 73184

Attention (message repeated) Out

**15720 kHz, 19-06/21-06, 0745 UTC**

349/37 Attention

31075 99839 64514 19754 76492 78693 65065 65526 11535 82589  
01596 68954 37452 30547 20737 09780 70569 47877 82211 53239  
79457 65804 13181 52427 66051 93954 43751 27616 51370 61902  
27438 68568 21371 46423 01427 27122 97100

Attention (message repeated) Out

**12229 kHz, 21-06/23-06, 2015 UTC**

924/36 Attention

98457 85794 97878 98991 36011 31817 82190 27588 11458 95712  
99117 03648 02144 32154 77940 86687 88871 58460 34265 22917  
27133 09405 70818 50785 66788 11103 91596 56293 67622 58104  
27399 35949 36838 54527 37812 53209

Attention (message repeated) Out

**10210 kHz, 24-06/26-06, 1045 UTC**

697/24 Attention

37690 19702 08787 13259 31506 56746 53806 15439 30945 73770  
11035 89918 64229 84631 07973 85050 98663 19317 61406 88495  
21269 64992 26368 59637

Attention (message repeated) Out

**5737 kHz, 24-06/27-06, 1300 UTC**

314/33 Attention

97903 74741 10737 46310 67753 47442 80831 34625 68197 86388  
03224 59930 45095 27267 67346 74455 84042 02750 51262 69265  
79882 32042 55482 43877 72273 66031 48831 86597 07517 73099  
37098 31844 81353

Attention (message repeated) Out

**14410 kHz, 24-06/30-06, 1745 UTC**

246/30 Attention

27769 56172 81803 42949 19980 68381 69187 02319 80064 38712  
71461 29261 77158 29792 13232 35064 96150 02393 73823 48607  
82301 94525 28634 47724 67245 49427 87999 74885 93303 72012  
Attention (message repeated) Out

**8091 kHz, 25-06/27-06, 0645 UTC**

517/35 Attention

63350 63460 86079 96985 09251 93743 23217 92555 23291 53476  
05072 57746 10566 73515 07447 79211 11599 86298 97797 23991  
00032 75947 22159 49100 55113 57644 66243 27021 28209 36639  
03719 64028 46460 22970 63897  
Attention (message repeated) Out

**8680 kHz, 25-06/28-06, 0700 UTC**

575/39 Attention

11645 46009 59773 05424 58444 79109 18530 46738 02306 15888  
82674 50694 89843 31189 51556 92187 01276 33239 74049 58597  
04762 24566 04960 01452 91375 60999 61273 50838 69180 37298  
91663 94235 93907 99239 48962 22810 95703 96027 92208  
Attention (message repeated) Out

**17378 kHz, 25-06/26-06, 0820 UTC**

130/39 Attention

67644 92476 50535 48783 68640 96745 30771 42943 37955 55450  
62993 83449 39822 38289 57873 23824 13411 92081 91794 92816  
97427 00744 55993 11377 13179 11597 62454 95690 43724 03949  
28241 06071 12755 05086 41331 23076 53190 95471 01407  
Attention (message repeated) Out

**19184 kHz, 25-06/27-06, 0845 UTC**

159/32 Attention

54851 69482 35383 01095 21555 45753 38472 98020 74202 74935  
61014 98893 96214 86277 97492 29143 74661 67697 76337 69222  
63529 74066 49789 30545 60706 78468 10810 48352 51873 80539  
32015 71981  
Attention (message repeated) Out

**17378 kHz, 26-06, 0820 UTC**

130/39 Attention

67644 92476 50535 48783 68640 96745 30771 42943 37955 55450  
62993 83449 39822 38289 57873 23824 13411 92081 91794 92816  
97427 00744 55993 11377 13179 11597 62454 95690 43724 03949  
28241 06071 12755 05086 41331 23076 53190 95471 01407  
Attention (message repeated) Out

**7863 kHz, 26-06/28-06, 1715 UTC**

975/32 Attention

00201 31766 28619 64678 11401 87628 09237 89132 66594 49124  
25926 57401 08703 94039 92718 91480 65265 30471 11651 44973  
67036 34996 82017 88538 81436 72122 47198 69756 95872 98307  
63772 61035  
Attention (message repeated) Out

**6252 kHz, 27-06/28-06, 0820 UTC**

432/39 Attention

92451 90859 95128 10517 54579 17591 11481 17182 37907 56149  
08053 10517 88343 30611 72239 93525 28251 27700 58684 21318  
62078 35718 65372 76923 70711 07036 77404 96796 20616 81663  
95897 66816 65006 85326 73583 41277 86870 23020 99906  
Attention (message repeated) Out



**7377 kHz, 29-06/30-06, 0700 UTC**

492/38 Attention

28694 37753 25257 03665 84073 01465 32274 99797 92313 82189  
 05700 63353 55583 19981 93108 41605 42919 89427 13853 16137  
 20144 93306 83199 24990 56464 08055 93342 53034 27477 67872  
 49123 73871 30369 55524 22204 79561 56123 42844

Attention (message repeated) Out

**5082 kHz, 29-06/30-06, 1645 UTC**

366/39 Attention

03621 76475 48813 08556 78846 89204 91401 34269 45116 30147  
 17779 33340 00704 97525 16851 18082 48886 14486 34635 69021  
 98734 90491 22619 31798 20305 10745 15950 62773 56622 04868  
 33869 17064 89419 48603 32833 36524 64367 29294 51371

Attention (message repeated) Out

**S06**

Pacific schedules

**11616/9322 kHz, 03-06, 0400/0420 UTC**

480 216 53

36515 47805 58092 39478 24988 14615 43959 75862 81898 72848  
 97171 20408 38367 30419 93890 11911 53279 81346 77143 05125  
 73538 00749 00516 32996 63941 87971 12571 72495 55120 00056  
 92926 68760 82988 42725 75932 97221 18134 11075 22879 68406  
 08581 97156 28679 05107 84377 06656 73967 46596 97430 51819  
 58536 59584 95038  
 216 53 00000

**11616/9322 kHz, 04-06, 0400/0420 UTC**

480 219 53

15928 96373 30484 59305 14009 61829 04000 13046 88417 36898  
 67043 29548 91322 23229 06841 14845 77380 91535 39138 33580  
 74379 78584 11907 21284 13360 81550 95861 30728 29148 04422  
 35237 79548 67234 36145 57257 91334 57933 65191 63726 47350  
 43777 60239 53192 91096 71053 71661 47115 52891 81457 33489  
 18470 86650 64768  
 219 53 00000

**11616/9322 kHz, 05-06/06-06, 0400/0420 UTC**

480 537 60

25644 70320 11802 47638 83537 44497 70983 08753 33799 12496  
 60753 38034 40071 31768 39541 58462 46437 43600 93147 70893  
 91424 86899 22435 86252 37741 90597 24080 23062 28655 99347  
 37838 37488 06996 12221 58740 78100 57666 39066 37673 82515  
 59646 04246 18778 58131 58393 52408 87098 14125 94599 36013  
 24923 36914 50229 89270 00254 26258 97780 18203 35848 34190  
 537 60 00000

**11616/9322 kHz, 07-06, 0400/0420 UTC**

480 480 480 00000

**11616/9322 kHz, 10-06/11-06, 0400/0420 UTC**

480 169 52

33393 43508 79197 88140 34869 51244 35206 32459 66013 95647  
 05211 45365 59707 83668 11729 53291 92325 93256 99861 33476  
 83736 67085 74640 44456 68484 62221 18163 55473 61601 72951  
 72441 04503 67493 68934 98924 39581 05323 15872 50607 23120  
 49329 70887 17680 03898 07544 69804 32648 86415 87301 48500  
 45867 52296  
 169 52 00000

**12-06: no transmissions**

**11616/9322 kHz, 13-06/14-06, 0400/0420 UTC**

480 572 31  
08054 13792 30107 38017 75273 05288 75020 51992 53413 43441  
33836 40121 33358 84909 75952 54944 80533 45355 97426 40487  
08789 37667 55851 25418 39949 38417 46353 21766 91177 93459  
73386  
572 31

480 316 25  
64664 35919 16389 49002 34926 61363 15370 08086 78083 50137  
95551 47498 52320 30531 60274 68385 60604 78594 70819 57308  
11500 90935 54145 43661 99997  
316 25 00000

**11616/9322 kHz, 17-06, 0400/0420 UTC**

**11616 kHz, 18-06, 0404 UTC. Breakdown after 2 mins**

**9322 kHz, 18-06, 0420 UTC**

480 295 53  
85599 16454 89363 20483 00743 09465 35720 32890 36514 10031  
12238 09591 18990 59350 53982 46292 03629 94354 18827 73456  
23186 56051 72925 02390 11909 79219 82915 05024 98176 24381  
19549 50820 82789 38002 02439 49247 45096 51853 40606 71257  
44130 57463 48509 48207 06959 16615 42258 71653 21428 93805  
45685 42472 75487  
295 53 00000

**11616/9322 kHz, 19-06/20-06, 0400/0420 UTC. Group count error**

480 367 51  
78588 35022 45562 19445 16390 71783 92267 88089 38204 88964  
94405 58341 79382 04895 26500 92262 72375 67549 32016 00114  
08205 05641 97565 05166 29278 36454 10813 26972 14489 35100  
25511 00283 42542 94885 82096 71790 44438 33486 57296 41898  
81056 24600 41169 43693 06768 59789 65033 76312 05028 70175  
28700 34894  
367 51 00000

**11616/9322 kHz, 21-06, 0400/0420 UTC**

480 480 480 00000

**11616/9322 kHz, 24-06/25-06, 0400/0420 UTC**

480 921 53  
61907 40583 01990 63660 42558 01732 05717 14682 72011 82730  
89415 76976 53963 02219 22133 50054 32334 86618 45039 60056  
14267 28846 83728 14994 15091 56883 09826 06577 36192 66904  
25365 25804 11743 00635 68345 84514 85201 71639 62917 60091  
01550 70227 62646 05479 26178 01648 60263 91737 26376 37285  
62371 75297 76355  
921 53 00000

**11616/9300 kHz, 26-06/27-06, 0400/0420 UTC**

480 753 27  
26333 70420 14052 59908 11420 23699 01587 12968 01971 44409  
53414 55956 48578 97795 32150 58966 61746 11553 27131 97950  
42601 73114 59580 74319 49626 07111 88660  
753 27  
480 216 28  
00313 59365 49857 23597 49401 42499 46068 67813 88554 39839  
96778 22182 68268 96801 68793 94322 69684 09316 67798 17925  
62500 07090 23471 22006 69999 72529 52797 91279  
216 28 00000

**11616/9322 kHz, 28-06, 0400/0420 UTC**

480 480 480 00000

Test transmissions

**10755 kHz, 25-06, 0725 UTC**

975 (R4m) 821 60

71060 26096 97957 58761 85721 37499 17634 31286 23245 20624

15753 59271 74647 57571 12960 71609-

[7s silence] 975 (R4m30s) 821 [5s silence] 975 (R1m)

15753 59271 74647 57571 12960 71609 87684 78599 92937 23701

99290 43071 00909 58725 85699 08782 84037 78391 59917 38110

15906 34091 71259 14415 72271 74400 86611 67128 50268 09874

58129 28975 48262 81050 07044 73760 48538 40630 78270 08162

69997 85738 45502 15956 83074 01234 71485 78137 04039 99985

821 60 00000 found by kalvados

**Full recomposed message:**

975 821 60

71060 26096 97957 58761 85721 37499 17634 31286 23245 20624

15753 59271 74647 57571 12960 71609 87684 78599 92937 23701

99290 43071 00909 58725 85699 08782 84037 78391 59917 38110

15906 34091 71259 14415 72271 74400 86611 67128 50268 09874

58129 28975 48262 81050 07044 73760 48538 40630 78270 08162

69997 85738 45502 15956 83074 01234 71485 78137 04039 99985

821 60 00000

**S06c**

**6978 kHz, 21-06, 1120 UTC** 11202 (R4m)

**5448 kHz, 21-06, 1131 UTC** 11202 (R2m40s) late start

Obviously, ID 202 is the same as for that F06 70202 link that transmits from Orenburg. (PY)

**S11a**

**5149 kHz, 01-06/02-06, 0830 UTC (Note: Repeat from 01-05/02-05)**

378/40 Vnimanaye

31064 88424 90891 55776 17163 79839 00177 88292 10082 75538

58576 45745 14352 83291 46365 48268 87495 75618 63479 18074

48420 54338 95632 57211 73094 65383 00458 71200 88740 45710

54209 69949 48876 13910 50179 09846 77309 34741 39027 14779

Vnimanaye (message repeated) Konets

**6814 kHz, 10-06/14-06, 0915 UTC**

487/31 Vnimanaye

87617 13477 63025 41433 05323 72963 84194 75677 11437 44340

30348 85914 64801 55582 81784 43905 30119 88093 17448 84429

35957 89935 13597 83788 56189 20510 25763 23065 62353 20697

68449

Vnimanaye (message repeated) Konets

**9968 kHz, 11-06/13-06, 0445 UTC**

791/34 Vnimanaye

49271 62895 45332 89169 55492 79507 97639 80568 17903 85461

97891 29373 39354 48014 77659 28809 31802 95150 06746 00099

95487 49858 29177 40908 28122 51413 64641 44644 67774 52100

95514 34110 04901 55020

Vnimanaye (message repeated) Konets

**9448 kHz, 11-06/14-06, 1400 UTC**

427/31 Vnimanaye

62072 57947 48727 27281 4957259699 28134 66631 84864 03603  
85170 86889 66712 22005 29502 17482 92656 52810 24062 18269  
48536 54685 59390 91516 55765 73822 86448 96009 09206 16604  
50069

Vnimanaye (repeat message) Konets

**20905 kHz, 12-06/14-06, 0725 UTC**

387/38 Vnimanaye

29877 44444 67944 67125 87745 65639 75936 95334 20680 48986  
15991 40389 65448 70295 42256 02750 07181 89232 99707 59685  
16178 46651 01430 14861 94628 81902 24705 09063 95486 62209  
49037 72332 27209 67335 94687 18895 74439 8686

Vnimanaye (message repeated) Konets

**16357 kHz, 17-06/19-06, 0510 UTC**

656/35 Vnimanaye

57508 95643 03952 21366 60411 51935 98565 03400 46956 31211  
27196 33801 59665 40883 46523 89540 46606 78950 70941 98196  
18294 10953 49546 74675 32585 10328 84466 05254 30630 44971  
65949 87980 04375 59426 56862

Vnimanaye (repeat message) Konets

**12457 kHz, 19-06/22-06, 1850 UTC**

280/35 Vnimanaye

98611 41127 05458 32635 97232 99255 52294 76900 46098 04959  
47819 48114 00244 55211 34833 13731 86804 47546 97846 49996  
74861 36181 79433 06438 14916 24267 40834 43073 13669 82798  
43981 45230 94605 97909 02103

Vnimanaye (messag repeated) Konets

**9339 kHz, 24-06/27-06, 0700 UTC**

479/34 Vnimanaye

97782 77744 84758 23976 79687 49953 16413 90512 73445 71385  
59263 01727 12817 57491 02536 80875 60021 67038 25610 27548  
10468 40681 05412 88091 17447 75715 57287 91056 35807 42420  
73515 90916 02450 19782

Vnimanaye (message repeated) Konets

**V07****Last month's final V07 transcript.****14469 kHz, 26-05, 0700 UTC**

431 431 431 1 6687 103 6687 103

01339 13728 93352 05651 10993 55072 90321 21764 52026 60387  
39608 30663 17258 38832 88323 50919 12658 80301 24391 84432  
01304 68416 01515 95113 27026 99414 75715 97324 98495 27790  
77188 30504 89594 76245 12193 44602 57508 69100 63034 08816  
12435 15968 11585 23863 08320 66394 22093 43880 68599 95322  
40337 33045 75684 34323 61131 27702 46265 64101 33861 64906  
48351 30921 03841 06953 80469 52420 57759 21566 77596 04169  
01440 08010 27950 27684 68157 95092 61393 60419 68497 55584  
86507 84151 41496 09401 46776 76899 67997 79816 10126 20926  
49901 90853 66419 80749 90813 83472 87465 61279 69791 57478  
21171 05376 67710 000 000

**13927/13427/12127 kHz, 02-06, 0700/0720/0740 UTC**

942 942 942 1 7631 73 7631 73  
 30115 77246 39008 15104 22582 34544 80900 30648 66934 29231  
 08373 59147 10415 81058 77296 46297 95047 38566 09709 63120  
 50212 38619 00994 61879 43962 77311 25484 77199 50936 08031  
 79503 00149 72990 96755 75209 17255 03961 57708 79105 51105  
 61777 33140 61877 52176 77432 21123 93835 15974 37634 27896  
 99345 97616 16516 74998 92582 32750 73982 34788 83910 19971  
 05446 30421 99503 000 000

**13927 kHz, 09-06, 0700 UTC**

942 942 942 1 6151 96 6151 96  
 92459 26115 59862 43935 08470 66712 50837 42551 44046 36393  
 83534 80517 75639 92744 32977 90551 79784 69955 17418 48085  
 33632 36959 65968 10917 70217 21070 17073 35083 90339 18446  
 57470 24146 31099 22402 30559 46198 17613 29208 22324 75940  
 30801 66173 01868 64616 20695 18227 45005 81677 62655 19479  
 75392 68848 09786 65907 51913 86040 58529 74161 88531 76240  
 72411 15322 36091 24460 04968 39756 27103 35049 27913 74808  
 37811 00846 15648 98008 54714 55125 17497 76401 33013 68285  
 38575 30361 55974 96135 79716 11043 00518 19378 28727 69661  
 94613 66243 60376 63122 57763 55171 000 000

**13927 kHz, 16-06, 0700 UTC**

942 1 2259 74  
 39794 ... (not recorded)

**13927/13427/12127 kHz, 23-06, 0700/0720/0740 UTC**

942 942 942 1 5706 112 5706 112  
 47381 19459 34681 57899 17769 71993 63994 88405 10319 82715  
 50523 15189 28681 18737 90619 34639 08856 59136 01648 03932  
 66840 97131 60514 91201 86977 39824 24811 16060 52534 93225  
 21653 11498 91586 18223 41346 85325 05339 14898 90806 13743  
 41324 25217 52609 98311 57449 41694 14243 64794 83452 45614  
 53380 07049 74854 73893 51357 59312 76550 48245 16897 20083  
 72752 72674 50121 70898 47521 79594 29656 27422 50312 94274  
 02361 00201 48309 49381 25107 20357 51185 68036 13985 47272  
 72398 73767 20590 78610 27943 29950 96249 21382 32358 40909  
 12702 01117 84883 43695 04163 40005 78469 78686 24464 08508  
 36399 33293 65066 46507 53371 72482 04885 82297 05108 83327  
 64888 32423 000 000

**13927/13427/12127 kHz, 30-06, 0700/0720/0740 UTC**

942 942 942 1 1683 93 1683 93  
 85318 55820 29793 67860 23230 78318 93531 72758 95844 81747  
 76588 33698 83692 38876 21939 38626 10102 62758 61646 08878  
 28946 45416 37520 34845 37148 28177 97803 69673 32355 44991  
 20747 52862 66295 95826 10838 39474 95892 50617 10383 90521  
 02289 25883 10294 61180 68703 53763 06401 87134 35967 64676  
 52777 01528 21244 25402 36603 90890 86668 33477 19878 49423  
 81190 80311 71502 69064 96694 69933 62699 25471 86927 11024  
 78405 59942 16833 73693 40132 92483 81934 49934 45923 40719  
 47340 27320 76306 37751 10222 56394 51634 18739 14967 72008  
 43917 76437 90867 000 000

**V13 - New Star Broadcasting Station (星廣播電台 Xīngxīng guǎngbò diàntái)**

09-06, 0000 UTC	V13 #1: Unit 2283 Group 33, Unit 2581 Group 33, Unit 8614 Group 35 (logged by Pigmon)
09-06, 0000 UTC	V13 #3: Unit 4562 Group 33, Unit 6624 Group 34, Unit 6945 Group 34 (logged by Pigmon)
09-06, 0000 UTC	V13 #4: Unit 1511 Group 31, Unit 5537 Group 34, Unit 9405 Group 34 (logged by Pigmon)
09-06, 0200 UTC	V13 #2: Unit 0728 Group 30, Unit 5441 Group 32, Unit 8824 Group 34 (logged by Pigmon)
23-06, 1000 UTC	V13 #5: Unit 0636 Group 34, Unit 1163 Group 31, Unit 7090 Group 35 (logged by Pigmon)

**15890 kHz, 21-06, 0000 UTC. New Star Broadcasting. Station 3**

**20095 kHz, 22-06, 0300 UTC. New Star Broadcasting. Station 3**

Unit IDs: 1168, 3270, 7968

Group Counts: 30, 35, 32

4348 6413 4077 3457 5276 0895 0075 9272 6813 9636

0909 6805 3731 8160 6157 8705 5423 9878 3409 2731

3775 0278 9474 3387 9907 1110 4460 2051 7321 2657

4890 8511 5423 6990 8878 5131 0318 9332 7937 5592

5774 9441 6689 3992 2251 4785 8807 1879 6458 8582

6261 6462 4789 8885 8693 9408 4073 0018 1718 7037

5530 7307 0193 4017 7452

4027 0341 3957 5990 7166 7045 3037 5461 3294 4886

1417 7019 2856 1044 2866 5057 2715 3940 5853 7657

7798 3040 9826 7218 0069 0737 1536 1623 0642 6899

4526 3966

**18040 kHz, 21-06, 0030 UTC. New Star Broadcasting. Station 1**

Unit IDs: 5968, 6068, 9921

Group Counts: 31, 34, 31

6620 3689 3787 0336 2141 9771 5202 4335 9776 2491

2473 9692 7165 7553 4465 5034 4399 8167 7406 4894

6722 4808 3303 1417 2585 4886 8276 6849 1913 6048

0921

6325 (became too weak to copy afterwards)

**15890/11430 kHz, 23-06, 0000/0100 UTC. New Star Broadcasting. Station 3**

Unit IDs: 6100, 6341, 7614

Group Counts: 31, 32, 35

8602 4925 1381 7043 9636 8518 1089 4641 4684 4223

9671 7742 5050 8104 9324 9134 8459 0473 2437 7229

7202 6178 4217 4229 6592 8692 3031 6470 8064 0613

0823

6616 5488 4668 1144 7104 5687 9146 1531 7131 7346

0245 0019 0029 9193 4756 2864 4298 4239 3751 2353

2879 9201 0051 7843 8107 0627 5058 9577 5392 4749

4638 0304

3610 8645 0175 0121 1961 4935 2445 1748 2760 2398

9580 6136 0189 0730 2914 6839 1873 0790 2118 8512

7279 5905 2144 8132 7133 0863 5160 2618 3038 7248

0610 6242 5435 9998 9778

**18040 kHz, 24-06, 0000 UTC. New Star Broadcasting. Station 1**

Unit IDs: 2130, 2457, 8530

Group Counts: 33, 33, 35

6492 6354 8441 5325 2278 0096 9768 1506 6370 4630

2318 3378 8652 8100 0300 4803 8389 6530 2813 2111

3764 5005 6150 3846

#### Notes:

- Repeats an hour later on 19052 USB. Unfortunately almost always too weak to copy. Geomagnetic conditions probably don't help.
- Signal quality faded a bit during the message to unit 3360. Unusual, because Station 3 tends to have consistently good broadcast quality. Also, no audio on 18040 kHz, only a carrier wave.

## VC01 – a.k.a. Chinese Robot (Chinese Air Defense)

9510 kHz, 15-06, 0854 UTC, USB  
9510 kHz, 24-06, 0211 UTC, USB  
6218 kHz, 24-06, 0211 UTC, LSB

### MORSE STATIONS

#### M01

##### 6435 kHz, 01-06, 1500 UTC

025 418 418 30 30 = =  
16253 85637 28456 48712 59367 67456 73412 89456 91623 09876  
72349 31524 41542 78313 89054 38765 09956 12312 95679 13205  
17498 23835 34498 40498 55498 68498 70498 87312 02256 32195  
= = 418 418 30 30 000

##### 4903 kHz, 20-06, 2000 UTC. Error in red

025 102 102 30 30 = =  
20913 27361 32734 35712 03932 17345 92937 10293 31234 01923  
34736 28192 03943 23213 72834 95847 32356 71823 93845 **7231** 72631  
89234 75632 92834 12345 85743 92835 73654 93821 83745 95873  
= = 102 102 30 30 000

##### 5280 kHz, 27-06, 1800 UTC. Messy transmission

025 094 094 30 30 = =  
86759 65748 65744 01723 65849 10293 19263 12344 01223 01734  
92356 88345 92334 01203 92384 02718 071856758473 93021 3021  
44577 (4567) 99456 946 76854 55678 5567 88549 56432 (5632)  
56477 96755 (9675) 86584 46543 23456  
= = 094 094 30 30 000

##### 4903 kHz, 27-06, 2000 UTC

025 475 475 30 30 = =  
06758 94753 27384 10375 38475 48392 56774 06758 94758 63547  
97786 07869 75884 57483 94665 00465 82663 76859 65774 76354  
98076 75586 75644 75869 75445 23110 56745 56574 56745 86957  
= = 475 475 30 30 000

#### Saturday & Sunday schedule

This station is always very weak and in sends in MCW.

Apparently it doesn't always transmit, or at least not on Sat/Sun. And when it does, the MCW doesn't always use the same fundamental tone.(PY)

##### 9736 kHz, 01-06/02-06, 0715 UTC, MCW

475 177 177 50 50 = =  
58370 61045 99487 49267 76856 02046 70180 23835 13286 74512  
23726 70908 52710 14394 50437 ... very weak, partly unreadable  
= = 177 177 50 50 000

##### 9736 kHz, 08-06/09-06, 0715 UTC. Not heard

##### 9736 kHz, 15-06, 0715 UTC. Not heard

##### 9736 kHz, 16-06, 0715 UTC, MCW

475 234 234 50 50 = =  
34071 81373 11436 00985 58220 74\_\_\_\_ 83945 52229 51778 69873  
07568 55052 93304 21544 22186 93684 08058 20724 43123 30783  
05098 52415 05956 2076 76986 39468 74345 97709 68687 74736

75604 66219 00911 48863 10888 85223 90346 46915 42358 70075  
78068 59583 83939 51839 84430 67546 37485 98200 22870 44349  
234 234 50 550 = = 000

**9736 kHz, 22-06/23-06, 0715 UTC. Not heard**

**9736 kHz, 29-06/30-06, 0715 UTC, MCW**

**Partly unreadable due to deep fading. Might contain decoding errors**

475

56123 56755 78799 76534 89941 89134 90985 56734 67431 55781

16583 68924 66532 88321 90978 23632 5613 67523 \_\_\_\_\_

\_\_\_\_\_ 5366

71189 17823 60255 82155 79\_\_\_\_ 56587 59908 55313 76921 56326

45123 33482 95639 11342 56791 95621 69132 57310 67231 99657

223 223 50 50 = = 00000

## **M01a**

5701 kHz, 19-06, 1233 UTC 764 72343 333 04 111 999 365 10 = 27500...

5701 kHz, 19-06, 1256 UTC 764

5701 kHz, 19-06, 1751 UTC 764

## **M12**

11144/10544/9344 kHz, 2100/2120/2140 UTC

**11144/10544/9344 kHz, 01-06, 2100/2120/2140 UTC**

153 153 153 1 115 179 115 179

97152 43827 05776 27261 80633 56574 34741 18456 73383 61145

78111 68632 82542 11646 80165 50475 50568 97296 62591 07002

79437 13665 45999 48725 32625 92241 10445 43612 53464 55509

89383 28413 80145 24568 95866 28867 28632 53508 48704 26351

52381 67449 65778 86845 04408 07867 56215 16688 03414 81869

40938 46587 84215 37172 13897 67133 43014 29903 00664 25180

86917 37587 94906 29031 80895 16260 88944 71229 73938 51686

51922 21777 31800 41225 71277 86782 34954 88666 66921 67888

76026 83648 74294 81773 35227 64942 42111 57463 32238 72951

36227 96272 79294 69911 26549 48216 64932 99052 27995 47601

09021 31938 21586 04843 00276 77594 52193 58507 60163 22493

30134 01960 39059 55899 87495 25742 93504 65992 45317 39360

09064 94847 55285 38319 90255 49641 89117 64837 83828 54093

31084 81504 60035 77744 57354 35820 17623 44428 50132 24838

28009 42898 41034 52775 29961 48414 89116 09040 56229 23680

15230 39452 59911 84918 63311 74350 89070 75760 32536 09490

13584 20493 50970 14452 10552 71607 68263 62262 03149 93788

05911 41499 14028 55727 10618 48867 99916 04516 02338 000 000

**11144/10544/9344 kHz, 21-06/22-06/28-06/29-06, 2100/2120/2140 UTC**

153 153 153 1 482 231 482 231

20530 08962 06867 30937 45516 60007 48582 10108 38106 74278

63662 51922 22349 38914 03957 09961 16428 31187 10725 30935

23882 82268 77728 21195 49607 87089 04615 24642 78949 99107

29822 75518 55827 01740 30682 75856 52015 94119 29899 84531

95251 86861 79511 52116 01633 81695 51523 06383 08293 18686

30127 90121 68761 86915 49202 23045 02750 10418 84178 11830

73019 82206 04545 22769 98756 84978 94164 32532 44445 39206

96333 96619 79466 88493 14606 47358 13039 23066 04920 37590

59749 68966 85010 01301 71399 83562 31719 84399 08950 76203

86863 86991 18799 32796 75313 21873 02374 49222 62270 01762

71908 10333 68882 70758 07650 84074 84214 71721 43538 67946

28788 82076 76523 52792 21660 43143 98701 15140 32047 02566



50301 91116 36796 76581 39474 52758 42486 18171 66548 38114  
53821 67064 80217 63453 89430 48277 82737 58788 35156 29794  
51328 73730 97023 18679 59797 05371 47089 14309 16769 03959  
03091 86780 94733 75755 88760 38062 88260 09802 21437 07145  
55456 69203 49121 40960 70200 20127 37133 76942 07746 96024  
05370 26203 45117 30148 34385 66118 06061 24688 57267 38592  
80967 44895 58085 47882 76647 58477 54210 37000 81328 65762  
77376 00722 94449 54199 69130 03721 31700 80331 54643 35945  
48377 56431 08626 95984 95179 06100 49824 11228 89691 28604  
78339 20918 62531 95339 44895 79252 35775 82687 10018 25947  
03125 57097 56965 29934 53840 97397 15278 15521 42412 58145  
59601 000 000

17427/16327/14627 kHz, 1600/1620/1640 UTC

**17427/16327/14627 kHz, 03-06/06-06, 1600/1620/1640 UTC**

436 436 436 1 7925 107 7925 107  
90214 94880 32848 72785 62179 84831 87445 67480 41618 16945  
60515 70487 28463 30028 10248 01204 61520 34403 15240 84613  
48525 83195 23651 12197 27941 16467 45579 02721 50962 00255  
08792 99677 53486 88829 11562 21236 84943 44084 45300 95365  
32371 51345 03135 35928 00885 77214 14338 71060 40040 21927  
36705 59529 34583 22482 27920 88392 77923 32477 17162 09798  
36263 03440 97396 87170 52018 30662 15795 95117 84661 35707  
92112 58370 22011 77910 85656 95297 36077 38301 38514 69267  
99372 52972 62736 64002 49081 32784 48509 77763 01059 79249  
35246 69731 84669 40553 46620 68918 21633 72788 77183 89089  
06458 87711 52425 38249 65982 10623 94350 000 000

**17427/16327/14627 kHz, 20-06, 1600/1620/1640 UTC**

436 436 436 335 91 335 91  
81707 00937 22774 75229 73811 82144 79134 48919 93808 85885  
00745 43183 81433 82791 92866 40099 60874 55800 28399 43074  
71271 56745 40656 73161 99956 67520 43656 02565 06096 03269  
71959 76162 37243 37937 91317 41808 95593 30028 63714 32181  
00262 27240 49539 49385 79136 64193 87282 66758 20722 93123  
75289 17299 28728 86377 39158 40974 87328 14687 28869 70029  
23157 96288 61715 08124 72097 39890 63034 06868 94927 70608  
08106 67432 36533 70398 73000 26185 31721 55800 41142 33770  
40685 04386 00562 34054 96735 50174 54082 80819 05194 13812  
43951 000 000

13892/13392/11592 kHz, 2000/2020/2040 UTC

**13892/13392/11592 kHz, 03-06/06-06, 2000/2020/2040 UTC**

119 119 119 1 8595 146 8595 146  
01761 28373 45305 44694 11900 60381 17631 70280 19713 68568  
49213 95351 03883 98869 88868 40977 00239 46250 74392 49280  
03584 77763 86827 14356 52701 70686 82025 54106 34524 76603  
59077 31631 07646 43848 99548 99617 87581 60383 67667 50110  
03715 91533 18123 97489 01132 55395 02822 64099 83426 91464  
59171 40362 66985 54210 55862 90432 49296 40425 65447 16572  
26529 96516 97780 26381 17742 68885 24315 88353 42938 25397  
47185 25836 89229 20179 89030 14808 24621 92499 24314 64166  
52213 20835 81543 84298 98146 62485 24401 51842 37649 67936  
32754 03101 88070 42887 52082 05294 69918 85123 45360 66707  
86054 60525 39704 41428 04341 34928 57059 03932 43962 10476  
14378 13930 45767 31398 21709 75679 03821 60448 18322 68993  
70922 30161 34037 89948 25840 11365 24063 30840 08395 24627  
56672 66066 90282 34247 46468 15610 19703 31663 50073 16164  
52548 84094 13091 95033 28902 35678 000 000 000

**13892/13392/11592 kHz, 20-06, 2000/2020/2040 UTC**

119 119 119 1 9338 178 9338 178  
04013 97110 40213 31126 15576 87826 65258 88391 69600 22321  
34958 28132 95569 26360 63688 41911 42351 82654 72706 89751  
45126 84450 54428 13990 50061 74311 84844 80652 86249 31571  
77207 54330 62896 93547 01197 16565 18414 34420 91162 58410  
45935 91082 84925 28365 13020 81251 30609 31334 64584 82106  
98580 98820 05864 91641 00191 97338 15571 50164 28079 60230  
15794 14415 79249 27260 66956 85255 53214 61657 88117 14905  
07952 02641 66841 55103 09570 29313 21715 07146 05695 71075  
34528 92341 17079 45326 35727 17026 25372 73366 58543 38657  
34344 88842 62563 80988 54922 09994 32888 64593 14653 80521  
46728 91093 88056 45764 19518 95611 13704 80764 23881 43111  
41498 93064 20593 69527 15570 59324 26118 10709 07075 41963  
04677 43903 55025 38112 78055 05363 93165 57540 84033 58198  
24726 24982 80191 48906 42896 72739 26355 84890 36934 94678  
39206 68303 50658 02539 89810 59998 45848 90525 21489 71567  
20503 06548 54936 47954 96903 63977 84570 08682 73674 44821  
79117 71195 62950 60360 32380 89385 24141 03434 79889 50507  
86745 73078 57368 14314 02130 37987 56007 83133 000 000

**11519/12194/13407 kHz, 1100/1120/1140 UTC****11519/12194/13407 kHz, 04-06, 1100/1120/1140 UTC**

289 289 289 1 6303 60 6303 60  
82712 48950 70657 56987 48763 80267 49893 00333 86696 08858  
53528 44533 36785 03624 53124 60307 34506 29589 40779 88068  
55718 57012 53102 17706 04229 82973 26677 34964 05676 07888  
76739 42323 30858 20554 56321 32618 37977 83380 10454 11516  
26771 58821 55801 36851 13433 55598 59121 84644 21586 57142  
31691 37942 98728 43285 03204 25700 95847 52951 52757 65789  
000 000

**11519/12194/13407 kHz, 25-06, 1100/1120/1140 UTC**

289 289 289 1 4132 62 4132 62  
35423 92901 71477 08606 95359 27115 89494 89503 28074 47346  
86180 67888 17807 55527 18143 19410 40453 15894 16550 81720  
07794 42551 75785 70684 07640 55243 85113 02852 03153 26570  
36439 76052 61129 35765 22047 19233 09573 28023 84462 10115  
32166 83201 56201 72668 26879 71942 19737 14881 94634 77893  
46295 02174 94045 05971 62890 92871 17116 00792 00966 40116  
42001 86642 000 000

**15823/14823/13923 kHz, 1900/1920/1940 UTC****15823/14823/13923 kHz, 14-06/ 21-06, 1900/1920/1940 UTC**

889 889 889 1 9559 165 9559 165  
93905 66642 85206 49676 40062 66080 26276 90989 30585 09920  
48131 08959 89343 65447 61628 12539 05351 23602 50633 67125  
06383 92532 29200 33415 00124 73596 29595 25139 59096 48759  
23358 84593 55847 91362 29471 59622 28959 91338 70127 31040  
43720 72386 41873 11829 98316 51010 87328 73188 67508 37511  
80401 97938 70678 73379 19560 36209 74037 57311 00819 52512  
61408 78021 69331 90732 51722 02936 13689 75169 45893 87292  
71076 11186 82204 95430 58072 69381 78509 94577 08691 94357  
13178 64449 79936 26060 57867 10309 53316 46817 32340 61049  
16484 51661 66757 25288 24407 09945 62549 04108 05534 77387  
44902 04888 50671 45363 76070 07312 89486 10552 73299 92379  
98456 78732 09246 80606 15856 03539 14392 45976 25211 07169  
60129 59622 40069 03695 63253 87335 48099 15835 11320 51703  
78178 50161 19227 13055 86629 55152 75779 56039 91940 54154  
90308 94725 67823 93660 94070 18407 40968 00715 31387 36899  
34014 09158 32400 99798 48192 64836 93594 92535 59636 25701  
59582 68570 23050 50118 07837 000 000

12162/11566/10711 kHz, 1800/1820/1840 UTC

**12162/11566/10711 kHz, 25-06, 1800/1820/1840 UTC**

546 546 546 1 6001 55 6001 55  
70853 13398 46086 68047 09826 25085 23255 45968 34006 95974  
18527 53793 01461 74301 84335 14322 14096 76438 39612 45970  
48637 34078 84416 14752 92210 25159 55684 80364 68882 47504  
71342 76293 99993 10993 11685 16934 09993 75091 19667 94156  
18913 41429 87452 31336 50792 75402 52378 85037 32735 25107  
35066 11434 10570 52615 06928 000 000

**Test transmissions**

**8150 kHz, 19-06, 1548 UTC**

577 577 577 1 (R45s) 5 [22s silence] 577 577 Off

**8150 kHz, 19-06, 1602 UTC**

577 577 577 1 2149 36 2149 36  
99748 37164 42351 58454 27399 22580 98838 68807 69515 44520  
73432 65096 26706 79605 85317 1 Off

**8150 kHz, 19-06, 1613 UTC**

577 557 577 1 2149 36 2149 36  
99748 37164 42351 58454 27399 22580 98838 68807 69515 44520  
73432 65096 26706 79605 85317 14842 58061 22463 53938 Off (repeat of 1602z)

**8150 kHz, 19-06, 1619 UTC**

577 557 577 1 2149 36 2149 36  
99748 37164 42351 58454 27399 22580 98838 68807 69515 44520  
73432 65096 26706 79605 85317 14842 58061 22463 53938 90785  
39496 55801 18340 3143 Off (repeat of 1602z)

**8150 kHz, 19-06, 1743 UTC**

123 123 123 1 1817 47 1817 47 37667 43384 99204 00555 ... 56928 89965 59560 20033 000 000

**8072 kHz, 28-06, 0835 UTC**

687 657 657 1 6904 25 6904 25  
83873 15778 82744 64601 84389 59469 51272 63160 03946 36067  
18778 67780 89447 98848 95577 24583 63472 51479 60226 64457  
36799 68932 14293 59298 64218 000 000

**M14**

**12211/10243 kHz, 03-06, 0501/0523 UTC. Late starts**

952 713 713 59 59 = =  
23688 19791 25215 68994 56762 92813 48413 74522 27696 41971  
56776 79907 25878 56269 80662 38574 01620 78162 61815 81578  
96818 25961 09143 15253 27310 72583 36236 27550 07620 41596  
85313 26512 37772 06474 67280 59308 91871 04020 72581 85276  
77126 97890 32554 01404 55011 53146 35944 43688 41819 07775  
30297 12816 30803 52136 62891 97593 03080 52242 40912  
= = 713 713 59 59 00000

**12211/10243 kHz, 04-06, 0500/0520 UTC**

952 406 406 57 57 = =  
55299 83644 11802 80172 62110 08107 23946 79035 91978 59315  
09926 61652 83775 87556 75836 06804 47992 03173 37815 92328  
34532 34271 04340 75335 77553 69685 84790 03774 97051 85630  
16470 20284 61861 79485 27267 44268 43781 59145 76156 43128  
17493 61369 38710 28598 85968 97579 29828 39105 36059 50533  
80847 94117 53936 70313 13252 31387 55097  
= = 406 406 57 57 00000

**12211/10243 kHz, 05-06/06, 0500/0520 UTC**

952 138 138 52 52 = =  
78642 52516 20291 84987 31674 76443 58668 95087 95797 77985  
34967 39353 30103 09990 75412 33848 14581 45829 88933 08539  
00706 26049 69157 61027 98829 89102 16814 12333 75831 53347  
18495 44404 61461 42506 42688 24072 86806 71765 39039 43097  
03336 36716 51776 29037 55932 72299 83224 06586 08380 73973  
68366 14101  
= = 138 138 52 52 00000

**12211/10243 kHz, 07-06, 0500/0520 UTC**

952 952 952 00000

**12211/10243 kHz, 10-06/11-06, 0500/0520 UTC**

952 952 760 760 51 51 = =  
95165 48150 91250 17290 23443 75334 72077 25539 83212 56545  
38671 04879 30027 32506 84479 46643 16046 16439 12690 27198  
00214 63682 78095 86005 82356 60943 27099 94417 90899 83617  
78059 26134 78877 94609 09147 65246 07938 83096 45914 12827  
25024 66672 65753 77988 61410 05303 61445 64349 00543 00543  
30968  
= = 760 760 51 51 00000

**12211/10243 kHz, 12-06, 0500/0520 UTC**

No transmissions

**12211/10243 kHz, 13-06/14-05, 0500/0520 UTC**

952 413 413 27 27 = =  
25994 25487 85304 56324 96991 82690 20572 69828 04934 97442  
34287 61913 01549 54732 58112 99457 39080 80006 15443 55272  
35755 10277 95715 73401 71044 14165 73353  
= = 413 413 27 27  
952 876 876 32 32 = =  
83896 06952 89698 75299 60119 80710 53281 24858 54706 30507  
00921 28118 55209 48465 40088 31690 15941 87471 16841 48939  
94128 60686 07098 85122 19362 07544 40441 25134 76038 24712  
48616 44771  
= = 876 876 32 32 00000

**12211/10243 kHz, 17-06/18-05, 0500/0520 UTC**

952 140 140 60 60 = =  
77816 21781 53223 05978 59603 62651 05841 53249 31241 69006  
37343 03841 21757 70242 90983 30341 50721 22278 11757 59750  
38265 26441 84602 83240 47639 10959 85590 30850 52457 35981  
50792 34572 45856 08073 92508 28244 33718 15125 17547 57699  
79177 17604 27242 99612 90574 57094 03903 12465 70061 68055  
13364 68084 65033 03750 78346 37184 89581 12254 02306 27349  
= = 140 140 60 60 00000

**12211/10243 kHz, 19-06/20-05, 0500/0520 UTC**

952 378 378 52 52 = =  
15298 19932 41161 48864 76429 90893 28254 74547 99986 04595  
77403 28907 41693 96951 29704 99906 28848 16838 66400 53219  
62050 03461 39570 04385 69764 27917 23607 94980 82891 34830  
67194 71223 21560 45031 50448 88459 11306 05217 76932 89967  
70831 95503 55215 33510 38544 30841 49672 64086 30037 17208  
05212 56306  
= = 378 378 52 52 00000

**12211/10243 kHz, 21-06, 0500/0520 UTC**

952 952 952 00000

**12211/10243 kHz, 24-06/25-06, 0500/0520 UTC**

**26-06, 0500 UTC: Briefly inverted morse, then carrier. Off at 0503z. Message at 0504z. Off after group 6.  
Resumed with group 18 at 0505z. Briefly FSK CW then CW.**

952 461 461 57 57 = =  
96627 39833 11871 33081 74140 29035 49156 91422 03072 47986  
56325 93906 71636 86281 98896 30897 20500 66464 60658 51670  
22778 62770 31131 70512 58269 91068 48999 52599 86620 93417  
18683 65603 49104 65702 42235 07961 53693 01768 33772 49733  
23126 52490 08597 47002 10649 23238 64226 15747 13121 58140  
95496 76120 36165 31131 70512 58269 91068  
= = 461 461 57 57 00000

Note that groups 33-36 are identical to groups 54-57.

**12211/10243 kHz, 26-06, 0500/0520 UTC**

952 830 830 44 44 = =  
03422 90235 89135 86117 00175 24806 87791 67309 40128 66727  
69000 35563 13427 98336 77524 55089 18141 70113 41425 19492  
63773 11982 97303 21713 39718 69309 39073 41647 72080 80813  
76204 81120 17331 40537 12384 00921 66201 11100 80516 39566  
56279 80408 95011 18499  
= = 830 830 44 44  
952 764 764 18 18 = =  
16284 55779 32708 56718 09163 36223 35000 67672 57030 19073  
56943 66547 50593 49927 61858 21564 64139 41115  
= = 764 764 18 18 00000

**12211/10243 kHz, 27-06, 0500/0520 UTC. Same messages as yesterday but in reverse order**

952 764 764 18 18 = =  
16284 55779 32708 56718 09163 36223 35000 67672 57030 19073  
56943 66547 50593 49927 61858 21564 64139 41115  
= = 764 764 18 18  
952 830 830 44 44 = =  
03422 90235 89135 86117 00175 24806 87791 67309 40128 66727  
69000 35563 13427 98336 77524 55089 18141 70113 41425 19492  
63773 11982 97303 21713 39718 69309 39073 41647 72080 80813  
76204 81120 17331 40537 12384 00921 66201 11100 80516 39566  
56279 80408 95011 18499  
= = 830 830 44 44 00000

**12211 kHz, 28-06, 0500 UTC.**

952 952 952 00000 inverted morse

**10243 kHz, 28-06, 0520 UTC**

952 952 952 00000

## UM04 - PROMRCh

### 4735 kHz, 01-06, 0701 UTC

VVV VVV PROMRCh = 01 06 =  
1000 0910 0930 1040 1380  
1200 0990 1010 1120 1460  
1400 1020 1050 1150 1520  
1600 0990 1010 1120 1490  
1800 0950 0970 1090 1460  
2000 0980 1010 1110 1470  
2200 0870 0890 0970 1250  
0000 0780 0800 0860 1090  
0200 0730 0750 0810 1030  
0400 0630 0650 0710 0910  
0600 0720 0740 0830 1120  
0800 0870 0900 1020 1400  
VVV VVV PROMRCh = 01 06 =  
1000 0910 0930 1040 1380  
1200 0990 1010 1120 1460  
1400 1020 1050 1150 1520  
1600 0990 1010 1120 1490  
1800 0950 0970 1090 1460  
2000 0980 1010 1110 1470  
2200 0870 0890 0970 1250  
0000 0780 0800 0860 1090  
0200 0730 0750 0810 1030  
0400 0630 0650 0710 0910  
0600 0720 0740 0830 1120  
0800 0870 0900 1020 1400  
= AR

### 4735 kHz, 02-06, 0700 UTC

VVV VVV PROMRCh = 03 06 =  
1000 0910 0940 1040 1380  
1200 0990 1020 1120 1470  
1400 1010 1040 1140 1510  
1600 0980 1010 1120 1490  
1800 0950 0980 1090 1470  
2000 0980 1010 1110 1460  
2200 0870 0890 0970 1250  
0000 0800 0820 0880 1110  
0200 0750 0760 0830 1050  
0400 0650 0670 0730 0940  
0600 0730 0760 0840 1130  
0800 0880 0920 1030 1410  
= ABV  
VVV VVV PROMRCh = 03 06 =  
1000 0910 0940 1040 1380  
1200 0990 1020 1120 1470  
1400 1010 1040 1140 1510  
1600 0980 1010 1120 1490  
1800 0950 0980 1090 1470  
2000 0980 1010 1110 1460  
2200 0870 0890 0970 1250  
0000 0800 0820 0880 1110  
0200 0750 0760 0830 1050  
0400 0650 0670 0730 0940  
0600 0730 0760 0840 1130  
0800 0880 0920 1030 1410  
= AR

### 4735 kHz, 03-06, 0700 UTC

VVV VVV PROMRCh = 0306 =  
1000 0910 0940 1040 1380  
1200 0990 1010 1110 1470  
1400 1010 1030 1140 1510  
1600 0980 1000 1120 1480  
1800 0950 0980 1090 1460  
2000 0980 1000 1110 1460  
2200 0870 0890 0970 1240  
0000 0810 0820 0870 1120  
0200 0760 0770 0840 1070  
0400 0660 0680 0740 0950  
0600 0740 0760 0850 1140  
0800 0890 0920 1040 1420  
= ABV  
VVV VVV PROMRCh = 0306 =  
1000 0910 0940 1040 1380  
1200 0990 1010 1110 1470  
1400 1010 1030 1140 1510  
1600 0980 1000 1120 1480  
1800 0950 0980 1090 1460  
2000 0980 1000 1110 1460  
2200 0870 0890 0970 1240  
0000 0810 0820 0870 1120  
0200 0760 0770 0840 1070  
0400 0660 0680 0740 0950  
0600 0740 0760 0850 1140  
0800 0890 0920 1040 1420  
= AR

### 4735 kHz, 04-06, 0700 UTC

**Note the missing 1000 line**  
VVVVV PROMRCh = 04 06 =  
1200 0990 1010 1110 1470  
1400 1000 1030 1140 1500  
1600 0970 1000 1110 1480  
1800 0940 0970 1080 1450  
2000 0980 1000 1110 1460  
2200 0870 0890 0970 1250  
0000 0810 0830 0900 1130  
0200 0760 0780 0840 1060  
0400 0660 0680 0740 0950  
0600 0740 0770 0850 1140  
0800 0890 0930 1040 1420  
= ABV =  
VVVVV PROMRCh = 04 06 =  
1200 0990 1010 1110 1470  
1400 1000 1030 1140 1500  
1600 0970 1000 1110 1480  
1800 0940 0970 1080 1450  
2000 0980 1000 1110 1460  
2200 0870 0890 0970 1250  
0000 0810 0830 0900 1130  
0200 0760 0780 0840 1060  
0400 0660 0680 0740 0950  
0600 0740 0770 0850 1140  
0800 0890 0930 1040 1420  
= AR

### 4735 kHz, 05-06, 0700 UTC

VVV VVV PROMRCh = 05 06 =  
1000 0910 0930 1040 1380  
1200 0980 1010 1110 1460  
1400 1000 1030 1130 1490  
1600 0960 0990 1100 1460  
1800 0940 0960 1070 1440  
2000 0970 1000 1100 1450  
2200 0870 0890 0970 1250  
0000 0820 0840 0900 1140  
0200 0770 0780 0840 1070  
0400 0660 0680 0740 0950  
0600 0740 0770 0850 1140  
0800 0890 0920 1030 1410  
= ABV  
VVV VVV PROMRCh = 05 06 =  
1000 0910 0930 1040 1380  
1200 0980 1010 1110 1460  
1400 1000 1030 1130 1490  
1600 0960 0990 1100 1460  
1800 0940 0960 1070 1440  
2000 0970 1000 1100 1450  
2200 0870 0890 0970 1250  
0000 0820 0840 0900 1140  
0200 0770 0780 0840 1070  
0400 0660 0680 0740 0950  
0600 0740 0770 0850 1140  
0800 0890 0920 1030 1410  
= AR

### 4735 kHz, 06-06, 0700 UTC

VVVVV PROMRCh = 0606 =  
1000 0910 0930 1040 1380  
1200 0970 1000 1100 1450  
1400 0990 1020 1100 1480  
1600 0960 0990 1090 1450  
1800 0930 0960 1070 1440  
2000 0970 1000 1100 1440  
2200 0880 0900 0980 1260  
0000 0820 0840 0900 1140  
0200 0770 0780 0850 1070  
0400 0660 0680 0740 0950  
0600 0740 0760 0850 1150  
0800 0890 0920 1030 1410  
= ABV  
VVVVV PROMRCh = 0606 =  
1000 0910 0930 1040 1380  
1200 0970 1000 1100 1450  
1400 0990 1020 1120 1480  
1600 0960 0990 1090 1450  
1800 0930 0960 1070 1440  
2000 0970 1000 1100 1440  
2200 0880 0900 0980 1260  
0000 0820 0840 0900 1140  
0200 0770 0780 0850 1070  
0400 0660 0680 0740 0950  
0600 0740 0760 0850 1150  
0800 0890 0920 1030 1410  
= AR

### 4735 kHz, 07-06, 0700 UTC

VVV VVV PROMRCh = 07 06 =  
1000 0910 0930 1030 1370  
1200 0970 1000 1100 1450  
1400 0990 1020 1120 1470  
1600 0960 0980 1080 1450  
1800 0920 0950 1060 1430  
2000 0970 0990 1100 1440  
2200 0880 0900 0980 1270  
0000 0830 0850 0910 1150  
0200 0770 0790 0850 1080  
0400 0660 0680 0740 0950  
0600 0740 0770 0850 1140  
0800 0890 0920 1030 1400  
= ABV  
VVV VVV PROMRCh = 07 06 =  
1000 0910 0930 1030 1370  
1200 0970 1000 1100 1450  
1400 0990 1020 1120 1470  
1600 0960 0980 1080 1450  
1800 0920 0950 1060 1430  
2000 0970 0990 1100 1440  
2200 0880 0900 0980 1270  
0000 0830 0850 0910 1150  
0200 0770 0790 0850 1080  
0400 0660 0680 0740 0950  
0600 0740 0770 0850 1140  
0800 0890 0920 1030 1400  
= AR

### 4735 kHz, 08-06, 0700 UTC

VVVVV PROMRCh = 08 06 =  
1000 0910 0940 1030 1370  
1200 0980 1000 1100 1440  
1400 0990 1010 1110 1470  
1600 0950 0980 1090 1440  
1800 0920 0950 1060 1420  
2000 0970 1000 1100 1450  
2200 0890 0910 0990 1270  
0000 0830 0850 0910 1150  
0200 0780 0790 0860 1080  
0400 0670 0680 0740 0950  
0600 0750 0770 0860 1150  
0800 0890 0920 1030 1400  
= ABV  
VVVVV PROMRCh = 08 06 =  
1000 0910 0940 1030 1370  
1200 0980 1000 1100 1440  
1400 0990 1010 1110 1470  
1600 0950 0980 1090 1440  
1800 0920 0950 1060 1420  
2000 0970 1000 1100 1450  
2200 0890 0910 0990 1270  
0000 0830 0850 0910 1150  
0200 0780 0790 0860 1080  
0400 0670 0680 0740 0950  
0600 0750 0770 0860 1150  
0800 0890 0920 1030 1400  
= AR

**4735 kHz, 09-06, 0700 UTC.****Very poor signal. Largely unreadable**

VVV VVV PROMRCh = 09 06 =  
 1000 0910 0940 1040 1370  
 1200 0980 1000 1090 1440  
 1400 0980 \_\_\_\_ \_\_\_\_ \_\_\_\_  
 1600 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  
 1800 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  
 2000 0970 1000 1100 1440  
 2200 0890 0910 0990 1280  
 0000 0830 0850 0910 \_110  
 0200 0880 0790 0810 1190  
 0400 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  
 0600 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  
 0800 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

**4735 kHz, 10-06, 0700 UTC**

VVV VVV PROMRCh = 10 06 =  
 1000 0900 0930 1030 1360  
 1200 0970 0990 1090 1430  
 1400 0980 1010 1100 1450  
 1600 0940 0970 1070 1430  
 1800 0910 0940 1040 1400  
 2000 0970 1000 1090 1440  
 2200 0890 0910 0990 1280  
 0000 0830 0850 0920 1160  
 0200 0780 0790 0860 1090  
 0400 0660 0680 0740 0950  
 0600 0750 0770 0860 1150  
 0800 0890 0910 1020 1390  
 = ABV  
 VVV VVV PROMRCh = 10 06 =  
 1000 0900 0930 1030 1360  
 1200 0970 0990 1090 1430  
 1400 0980 1010 1100 1450  
 1600 0940 0970 1070 1430  
 1800 0910 0940 1040 1400  
 2000 0970 1000 1090 1440  
 2200 0890 0910 0990 1280  
 0000 0830 0850 0920 1160  
 0200 0780 0790 0860 1090  
 0400 0660 0680 0740 0950  
 0600 0750 0770 0860 1150  
 0800 0890 0910 1020 1390  
 = AR

**4735 kHz, 11-06, 0700 UTC**

VVV VVV PROMRCh = 11 06 =  
 1000 0900 0930 1020 1360  
 1200 0960 0990 1090 1430  
 1400 0970 1000 1100 1440  
 1600 0930 0960 1060 1420  
 1800 0900 0930 1040 1390  
 2000 0970 0990 1090 1430  
 2200 0890 0910 0990 1290  
 0000 0840 0860 0920 1170  
 0200 0780 0800 0860 1090  
 0400 0660 0680 0740 0960  
 0600 0750 0770 0860 1150  
 0800 0890 0910 1030 1390  
 = ABV  
 VVV VVV PROMRCh = 11 06 =  
 1000 0900 0930 1020 1360  
 1200 0960 0990 1090 1430  
 1400 0970 1000 1100 1440  
 1600 0930 0960 1060 1420  
 1800 0900 0930 1040 1390  
 2000 0970 0990 1090 1430  
 2200 0890 0910 0990 1290  
 0000 0840 0860 0920 1170  
 0200 0780 0800 0860 1090  
 0400 0660 0680 0740 0960  
 0600 0750 0770 0860 1150  
 0800 0890 0910 1030 1390  
 = AR

**4735 kHz, 12-06, 0700 UTC**

VVVVV PROMRCh = 1206 =  
 1000 0900 0930 1020 1350  
 1200 0960 0990 1080 1420  
 1400 0970 0990 1100 1440  
 1600 0930 0960 1060 1410  
 1800 0900 0920 1030 1380  
 2000 0960 0990 1090 1420  
 2200 0890 0910 1000 1290  
 0000 0840 0860 0930 1170  
 0200 0780 0800 0860 1090  
 0400 0660 0680 0740 0960  
 0600 0750 0770 0860 1150  
 0800 0890 0910 1030 1380  
 = ABV =  
 VVVVV PROMRCh = 1206 =  
 1000 0900 0930 1020 1350  
 1200 0960 0990 1080 1420  
 1400 0970 0990 1100 1440  
 1600 0930 0960 1060 1410  
 1800 0900 0920 1030 1380  
 2000 0960 0990 1090 1420  
 2200 0890 0910 1000 1290  
 0000 0840 0860 0930 1170  
 0200 0780 0800 0860 1090  
 0400 0660 0680 0740 0960  
 0600 0750 0770 0860 1150  
 0800 0890 0910 1030 1380  
 = AR

**4735 kHz, 13-06, 0700 UTC**

VVV VVV PROMRCh = 13 06 =  
 1000 0890 0920 1020 1350  
 1200 0950 0970 1070 1410  
 1400 0960 0990 1080 1430  
 1600 0920 0950 1050 1400  
 1800 0890 0920 1020 1370  
 2000 0960 0990 1080 1420  
 2200 0890 0910 1000 1290  
 0000 0840 0860 0930 1170  
 0200 0790 0800 0860 1090  
 0400 0660 0680 0740 0950  
 0600 0750 0770 0860 1140  
 0800 0880 0910 1020 1380  
 = ABV  
 VVV VVV PROMRCh = 13 06 =  
 1000 0890 0920 1020 1350  
 1200 0950 0970 1070 1410  
 1400 0960 0990 1080 1430  
 1600 0920 0950 1050 1400  
 1800 0890 0920 1020 1370  
 2000 0960 0990 1080 1420  
 2200 0890 0910 1000 1290  
 0000 0840 0860 0930 1170  
 0200 0790 0800 0860 1090  
 0400 0660 0680 0740 0950  
 0600 0750 0770 0860 1140  
 0800 0880 0910 1020 1380  
 = AR

**4735 kHz, 14-06, 0700 UTC**

VVV VVV PROMRCh = 14 06 =  
 1000 0900 0930 1020 1350  
 1200 0960 0980 1070 1400  
 1400 0970 0990 1090 1430  
 1600 0920 0950 1050 1400  
 1800 0890 0920 1020 1370  
 2000 0970 0990 1090 1420  
 2200 0900 0920 1000 1290  
 0000 0840 0860 0930 1180  
 0200 0790 0800 0870 1090  
 0400 0660 0680 0740 0950  
 0600 0750 0780 0860 1150  
 0800 0890 0920 1030 1380  
 = ABV  
 VVV VVV PROMRCh = 14 06 =  
 1000 0900 0930 1020 1350  
 1200 0960 0980 1070 1400  
 1400 0970 0990 1090 1430  
 1600 0920 0950 1050 1400  
 1800 0890 0920 1020 1370  
 2000 0970 0990 1090 1420  
 2200 0900 0920 1000 1290  
 0000 0840 0860 0930 1180  
 0200 0790 0800 0870 1090  
 0400 0660 0680 0740 0950  
 0600 0750 0780 0860 1150  
 0800 0890 0920 1030 1380  
 = AR

**4735 kHz, 15-06, 0700 UTC**

VVVVV PROMRCh = 15 06 =  
 1000 0900 0920 1020 1340  
 1200 0950 0980 1070 1400  
 1400 0960 0980 1080 1420  
 1600 0920 0950 1050 1390  
 1800 0890 0910 1010 1360  
 2000 0960 0990 1080 1410  
 2200 0890 0920 1000 1290  
 0000 0850 0860 0930 1180  
 0200 0790 0810 0870 1100  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0860 1150  
 0800 0890 0920 1020 1380  
 = ABV =  
 VVVVV PROMRCh = 15 06 =  
 1000 0900 0920 EEEEE=   
 1000 0900 0920 1020 1340  
 1200 0950 0980 1070 1400  
 1400 0960 0980 1080 1420  
 1600 0920 0950 1050 1390  
 1800 0890 0910 1010 1360  
 2000 0960 0990 1080 1410  
 2200 0890 0920 1000 1290  
 0000 0850 0860 0930 1180  
 0200 0790 0810 0870 1100  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0860 1150  
 0800 0890 0920 1020 1380  
 = AR

**4735 kHz, 16-06, 0700 UTC**

VVV VVV PROMRCh = 16 06 =  
 1000 0900 0930 1020 1350  
 1200 0960 0980 1080 1410  
 1400 0970 0990 1090 1430  
 1600 0930 0950 1050 1390  
 1800 0890 0910 1010 1350  
 2000 0960 0990 1080 1420  
 2200 0900 0920 1010 1310  
 0000 0850 0870 0940 1190  
 0200 0800 0810 0880 1110  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0870 1150  
 0800 0900 0930 1030 1390  
 = ABV  
 VVV VVV PROMRCh = 16 06 =  
 1000 0900 0930 1020 1350  
 1200 0960 0980 1080 1410  
 1400 0970 0990 1090 1430  
 1600 0930 0950 1050 1390  
 1800 0890 0910 1010 1350  
 2000 0960 0990 1080 1420  
 2200 0900 0920 1010 1310  
 0000 0850 0870 0940 1190  
 0200 0800 0810 0880 1110  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0870 1150  
 0800 0900 0930 1030 1390  
 = AR





**4735 kHz, 25-06, 0700 UTC**

VVVVV PROMRCh = 2506 =  
 1000 0880 0910 1000 1340  
 1200 0930 0950 1040 1390  
 1400 0920 0950 1040 1390  
 1600 0890 0920 1010 1340  
 1800 0840 0870 0970 1300  
 2000 0930 0950 1040 1370  
 2200 0910 0930 1010 1310  
 0000 0870 0890 0960 1210  
 0200 0800 0820 0890 1120  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0860 1150  
 0800 0880 0910 1010 1360  
 = ABV

VVVVV PROMRCh = 2506 =  
 1000 0880 0910 1000 1340  
 1200 0930 0950 1040 1390  
 1400 0920 0950 1040 1390  
 1600 0890 0920 1010 1340  
 1800 0840 0870 0970 1300  
 2000 0930 0950 1040 1370  
 2200 0910 0930 1010 1310  
 0000 0870 0890 0960 1210  
 0200 0800 0820 0890 1120  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0860 1150  
 0800 0880 0910 1010 1360  
 = AR

**4735 kHz, 28-06, 0700 UTC**

VVV VVV PROMRCh = 28 06 =  
 1000 0880 0900 0990 1340  
 1200 0920 0940 1030 1390  
 1400 0920 0940 1040 1390  
 1600 0890 0910 1010 1340  
 1800 0830 0860 0960 1290  
 2000 0910 0940 1030 1350  
 2200 0900 0920 1010 1300  
 0000 0860 0880 0950 1210  
 0200 0800 0820 0880 1120  
 0400 0660 0680 0700 0960  
 0600 0760 0780 0860 1150  
 0800 0870 0900 1000 1350  
 = ABV

VVV VVV PROMRCh = 28 06 =  
 1000 0880 0900 0990 1340  
 1200 0920 0940 1030 1390  
 1400 0920 0940 1040 1390  
 1600 0890 0910 1010 1340  
 1800 0830 0860 0960 1290  
 2000 0910 0940 1030 1350  
 2200 0900 0920 1010 1300  
 0000 0860 0880 0950 1210  
 0200 0800 0820 0880 1120  
 0400 0660 0680 0700 0960  
 0600 0760 0780 0860 1150  
 0800 0870 0900 1000 1350  
 = AR

**4735 kHz, 26-06, 0700 UTC**

VVV VVV PROMRCh = 26 06 =  
 1000 0880 0900 1000 1340  
 1200 0920 0940 1040 1390  
 1400 0920 0940 1030 1390  
 1600 0890 0910 1010 1340  
 1800 0840 0860 0960 1290  
 2000 0920 0950 1040 1360  
 2200 0900 0920 1010 1310  
 0000 0870 0890 0950 1210  
 2000 0800 0820 0890 1120  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0870 1150  
 0800 0880 0910 1010 1360  
 = ABV

VVV VVV PROMRCh = 26 06 =  
 1000 0880 0900 1000 1340  
 1200 0920 0940 1040 1390  
 1400 0920 0940 1030 1390  
 1600 0890 0910 1010 1340  
 1800 0840 0860 0960 1290  
 2000 0920 0950 1040 1360  
 2200 0900 0920 1010 1310  
 0000 0870 0890 0950 1210  
 2000 0800 0820 0890 1120  
 0400 0660 0680 0740 0960  
 0600 0760 0780 0870 1150  
 0800 0880 0910 1010 1360  
 = AR

**4735 kHz, 29-06, 0658 UTC**

VVV VVV PROMRCh = 29 06 =  
 1000 0880 0900 0990 1340  
 1200 0910 0940 1030 1390  
 1400 0910 0940 1030 1390  
 1600 0880 0910 1000 1340  
 1800 0830 0860 0960 1290  
 2000 0910 0940 1030 1350  
 2200 0900 0920 1000 1300  
 0000 0860 0880 0950 1210  
 0200 0800 0810 0880 1120  
 0400 0660 0680 0740 0960  
 0600 0750 0780 0860 1140  
 0800 0870 0890 1000 1340  
 = ABV

VVV VVV PROMRCh = 29 06 =  
 1000 0880 0900 0990 1340  
 1200 0910 0940 1030 1390  
 1400 0910 0940 1030 1390  
 1600 0880 0910 1000 1340  
 1800 0830 0860 0960 1290  
 2000 0910 0940 1030 1350  
 2200 0900 0920 1000 1300  
 0000 0860 0880 0950 1210  
 0200 0800 0810 0880 1120  
 0400 0660 0680 0740 0960  
 0600 0750 0780 0860 1140  
 0800 0870 0890 1000 1340  
 = AR

**4735 kHz, 27-06, 0700 UTC**

VVV VVV PROMRCh = 27 06 =  
 1000 0890 0910 1000 1340  
 1200 0930 0950 1040 1390  
 0400 0930 0950 1040 1390  
 1600 0890 0940 1010 1340  
 1800 0840 0870 0910 1290  
 2000 0920 0950 1040 1360  
 2200 0900 0930 1010 1310  
 0000 0800 0880 0950 1210  
 0200 0800 0820 0880 1120  
 0400 0660 0670 0740 0960  
 0600 0760 0780 0860 1150  
 0800 0880 0910 1010 1360  
 = ABV

VVVVVV PROMRCh = 27 06 =  
 1000 0890 0910 1000 1340  
 1200 0930 0950 1040 1390  
 0400 0930 0950 1040 1390  
 1600 0890 0940 1010 1340  
 1800 0840 0870 0910 1290  
 2000 0920 0950 1040 1360  
 2200 0900 0930 1010 1310  
 0000 0800 0880 0950 1210  
 0200 0800 0820 0880 1120  
 0400 0660 0670 0740 0960  
 0600 0760 0780 0860 1150  
 0800 0880 0910 1010 1360  
 = AR

**4735 kHz, 30-06, 0700 UTC**

VVV VVV PROMRCh = 30 06 =  
 1000 0870 0890 0990 1340  
 1200 0900 0930 1020 1390  
 1400 0910 0930 1030 1390  
 1600 0880 0910 1000 1340  
 1800 0830 0850 0950 1280  
 2000 0900 0920 1020 1330  
 2200 0890 0910 1000 1300  
 0000 0850 0870 0940 1200  
 0200 0800 0820 0880 1120  
 0400 0660 0680 0740 0960  
 0600 0750 0770 0860 1140  
 0800 0860 0880 0990 1330  
 = ABV

VVV VVV PROMRCh = 30 06 =  
 1000 0870 0890 0990 1340  
 1200 0900 0930 1020 1390  
 1400 0910 0930 1030 1390  
 1600 0880 0910 1000 1340  
 1800 0830 0850 0950 1280  
 2000 0900 0920 1020 1330  
 2200 0890 0910 1000 1300  
 0000 0850 0870 0940 1200  
 0200 0800 0820 0880 1120  
 0400 0660 0680 0740 0960  
 0600 0750 0770 0860 1140  
 0800 0860 0880 0990 1330  
 = AR

## UM05

Not always on the air on the known frequencies. It may use other frequencies as well.  
**5345.8 kHz, 29-06, 2032 UTC:** Brosse (R), H (R), etc.

## DIGITAL MODES

**Russian Government networks (including intelligence agencies, domestic and international nets) .  
Designators F01, F06, F06a, M42, M42b**

## F01

F01 – FSK 200/500

**14621/12206/10465 kHz, 05-06, 1840/1850/1900 UTC**  
00000 +++++ +++++

F01 – FSK 200/500 Mon-Fri schedule

**11487/9376/7591 kHz, 03-06, 1015/1025/1035 UTC**

66229 59733 27602 26836 38107 73207 83664 41913 43852 36432  
85867 51201 21002 72523 01920 28860 93465 41526 09552 26124  
05279 77951 27985 47369 94697 29986 57689 67681 75805 36287  
08143 90374 19832 01321 18253 67880 53366 55170 99154 34458  
15648 08755 54048 24156 42129 40394 54785 72467 66501 74661  
79867 25112 58351 39456 43576 02385 38665 12239 70884 92510  
40340 91363 97869 72440 05913 53442 02300 79519 39670 82688  
94079 82483 56356 83161 20249 25199 93636 09872 64219 41597  
80528 79653 43940 65245 78970 47779 38671 81967 40723 61219  
99059 98986 46798 24506 20210 28998 21579 39134 82417 12622  
38852 02429 89279 27678 61913 76828 57846 58711 84935 65514  
40514 25203 67812 55319 83348 91922 81626 12870 50512 09837  
06965 44882 69499 61022 52244 58553 76859 06030 84248 82992  
69090 57115 88058 37622 88402 25791 98564 58493 98027 18139  
70750 18442 26772 76299 80926 02035 87485 89605 76122 21239  
99156 23772 13793 82748 67299 41594 59061 42907 02329 13584  
31655 11177 80617 41992 19748 88060 77911 46635 02873 48456  
29797 85988 51117 06339 98907 11963 92761 21743 53555 81814  
67572 35961 87473 75616 07924 45898 35366 92739 14941 53533  
63938 25769 21842 51409 43109 35306 61690 30099 27081 74083  
81709 18579 99966 33830 71385 93449 65650 13336 96515 17947  
86574 31138 56403 96670 01144 31278 06387 56975 74420 55560  
12888 92956 61823 80754 33167 32975 90488 44174 36969 16656  
87998 06074 12259 92287 13164 22296 22217 70582 68540 25619  
05704 95711 99373 39221 38355 19569 08660 70722 96522 90187  
42995 60220 91221 90267 28931 80776 64299 86721 64492 14776  
63982 77209 95564 54605 42019 44570 31827 01081 39586 55109  
81929 58078 54150 61667 12595 46776 04481 97414 61328 87981  
35985 71303 57434 25945 33572 01117 31019 92129 34221 45058  
14669 32353 56436 17804 67491 45740 88799 01977 76207 08943  
04778 90961 12985 84041 95994 24003 54692 33576 41144 99532  
93268 91148 52740 77653 91897 61023 68881 07721 66660 45175  
82225 41956 98378 21209 23353 21043 04303 19603 40725 42620  
24370 73700 44393 48635 01684 40898 05687 92472 61932 18455  
30023 71809 21412 02379 45067 38134 78353 62806 71406 18855  
67239 34332 67920 12951 80794 44710 69066 46069 48337 30380  
56227 96175 12190 12237 30344 25189 20816 30101 77989 78391  
78395 59312 48106 36693 45500 57891 81558 33199 06585 17708  
60712 69858 96952 18085 71225 95140 34903 05288 93221 28688  
88745 46322 64057 43881 33357 30497 79852 44243 75986 17166

27979 94639 55973 53107 67697 93195 48092 07966 01116 94869  
24188 01203 01683 22634 52808 18981 92372 27183 41502 44431  
90776 81117 51487 49741 63272 18536 39373 23488 55456 66429  
00000 +++++

**11487/9376/7591 kHz, 04-06, 1015/1025/1035 UTC**

16915 53895 50786 98030 87470 22191 65439 15196 82947 98493  
94970 70033 28478 60107 59079 01922 00424 61182 65208 06563  
44658 42866 53057 27236 76576 52143 82527 63339 67550 92809  
82332 82143 47476 57004 01431 44723 78138 10754 30478 81969  
77054 31955 85488 81645 96498 24232 70892 72416 87383 55116  
64169 15783 02700 91980 89259 67055 00000

35704 33492 85754 51485 66325 16887 03679 93430 75458 48546  
36785 57115 05263 57510 96452 05374 74576 36282 11777 91564  
64625 38138 59857 29783 63820 69847 73145 50317 38816 15734  
03519 38805 24033 54035 47792 82520 46825 51467 64337 72218  
30471 46966 35500 32987 42196 60517 55514 82548 78392 88018  
48581 40428 04236 68126 46823 36444 89891 32003 82776 91952  
10476 71910 76135 72283 01988 89598 19408 33804 90379 10406  
92193 14049 35958 74027 58767 38357 60309 37878 28634 41442  
47926 53988 84775 27356 39733 05377 09257 16250 60693 12833  
60875 51409 48684 48041 84557 64963 76830 13999 57178 25733  
86479 78650 99492 17643 73011 72685 08869 22138 91670 87432  
92508 03038 75596 33788 05847 17276 83261 48119 25810 99951  
17473 56074 13629 68123 00000 +++++

**5 and 6 June: not monitored**

**11487/9376/7591 kHz, 07-06, 1015/1025/1035 UTC**

00000 +++++ +++++

**11487/9376/7591 kHz, 10-06, 1015/1025/1035 UTC**

08445 88609 21758 75320 38214 32978 57832 09996 98248 45082  
66190 31832 12648 65118 21383 55907 43968 19712 00559 65014  
61725 08175 34132 53583 29739 82986 26317 27315 73271 29209  
71245 76004 11874 \_\_\_\_\_ 68908 70507 14986 89335  
93659 67048 62280 52195 56982 14233 78311 69100 06422 91758  
46391 55810 98745 78319 84289 97638 96820 54756 78704 15536  
38781 43621 01848 42818 20410 14865 58618 94725 46689 12314  
37758 17998 41441 80647 65467 52668 25012 97540 84884 23236  
38918 40678 09892 01433 28415 44311 26671 67752 18902 25063  
41452 43944 47119 81648 97889 73639 \_\_\_\_\_  
\_\_\_\_\_ 01625 60823 03494 82890 98296 33483 \_\_\_\_\_  
\_\_\_\_\_ 13272 53750 15432 73368 00541 04536 \_\_\_\_\_  
46167 32322 44140 47927 12726 02996 95391 36083 25411 \_\_\_\_\_  
\_\_\_\_\_ 28004 68282 03599 47377 15184  
88352 97738 51785 29480 39771 47796 33197 23708 04469 27654  
57195 81615 55361 47762 80407 83185 51606 75179 69440 93076  
49586 32218 12893 14406 40547 28403 99857 75046 50834 05406  
63381 38628 65671 99663 12284 57443 62400 52358 99812 09419  
64140 21445 02541 86375 49792 75423 07956 25733 81325 73528  
34184 02858 \_\_\_\_\_ 26255 42485 41391 30489 02768  
92737 83759 61041 64985 30697 05849 22700 78056 63616 26517  
\_\_\_\_\_ 63964 54514 39216 59332 52159 48552 71894  
21012 81187 42832 18981 84779 91214 96465 42412 67229 74755  
94743 57298 62146 66918 19155 75736 28341 28344 80773 67530  
\_\_\_\_\_ 75973 64212 37963 64372 83922 40412 47635  
88022 38309 91355 89108 87658 90310 82882 16360 32061 53343  
04611 69154 13411 30081 53772 15955 80580 72677 05074 87008  
23311 97384 52543 \_\_\_\_\_ 09995  
76028 64328 76258 61927 14611 \_\_\_\_\_ 86983 16906  
71716 \_\_\_\_\_ 96340 57871 88893 \_\_\_\_\_

									00468
08086	50645	75739	37530	27212	00012	14594	08620	50249	70607
32032				34426	52750	42448			
		72841	14126	64334	39343	18898	30138	16683	41182
47872	53868	29538	75991	72141	14126	64334	12325	39707	52059
07543	61233	74256	03264	97968	95816	11679	74127	77183	47144
98404	27240	85364	27219	24990					
				67577	07456	72535	15064	81830	53690
65158	18530	66436	40746	58768	69154	87031	54019	41359	86963
19004	21786	86023	70988	00362	23324	10321	89864	53460	41278
56840	78383	36504	62943	18387	57187	10784	60171	56237	17795
34560	02567	84902	40154	19557	83682	21825	34894	10982	64883
25461	72431	00000	+++++	+++++					

**11487/9376/7591 kHz, 11-06, 1015/1025/1035 UTC**

Message. Too poor to decode

**11487/9376/7591 kHz, 12-06, 1015/1025/1035 UTC**

24548 83797 60277 01984 22683 90273 89942 28037 98152 76345  
77477 19456 63303 39155 60710 00987 94969 03393 40614 40075  
18245 08845 62775 72930 30563 99596 07158 72102 33313 50827  
65856 53990 63154 94152 13520 49735 40231 27430 00153 87933  
75460 19976 20945 62595 04102 49133 42866 84798 37774 29125  
92661 41473 52121 18122 35977 09752 52307 14485 02280 00320  
83535 78090 35264 28213 78770 37700 73440 34489 60854 70298  
90579 07219 41211 63346 50714 75228 82312 95875 57373 73038  
16103 99369 01748 00424 35576 84373 39464 25047 01675 43757  
50664 01590 32711 68575 63067 05834 68502 37472 42712 07111  
26388 65546 82062 27578 91342 23634 40160 61738 07345 63938  
14521 54660 62218 12944 49451 62325 83099 17549 10480 42533  
84755 55368 79594 49825 37908 45122 50961 32836 49769 18068  
31820 57531 73976 36402 78249 04762 92099 69574 20473 15569  
33925 64443 57413 82679 28696 70225 25164 11637 04494 04160  
69079 99992 77954 68838 74165 08003 01506 57131 33455 19265  
60304 05645 59063 14741 36079 82659 65603 08583 80044 21469  
80653 19228 62088 35073 61965 74172 88424 73154 26090 71882  
04873 07278 18132 49268 27987 55248 77284 28160 71197 80567  
77871 39231 58152 27928 50553 46794 40467 80673 13400 22915  
62048 51180 67516 44285 37185 40073 36904 10280 34604 25236  
57248 05648 84664 66541 43318 56265 51883 37243 89672 51400  
39988 17959 84344 30906 21668 14200 40212 60807 10223 83361  
73725 45694 15296 82134 85687 51372 49875 70252 23772 36204  
80748 31535 31467 14580 39608 98148 13133 00953 36984 89027  
69861 07885 46197 98392 85820 96521 49522 95307 69776 02961  
63743 20203 81480 88922 87286 89317 97606 90185 36135 42980  
96921 61211 60683 98679 69388 39389 60756 94860 78882 77361  
40942 36373 34198 16841 73453 77523 48059 02377 60697 03662  
88793 58495 14736 97241 54377 78659 95829 99281 23524 99481  
77248 02191 63517 58628 28547 34862 99467 59849 34475 26008  
74683 93583 91724 56609 56838 86556 50700 37563 69631 78828  
94486 73235 54626 51715 72223 97080 92941 55030 29047 90138  
41504 07081 99816 18379 63538 65844 58789 49834 57971 94795  
42439 37456 17469 71775 87610 78630 69752 14384 52192 87289  
81923 20299 10498 39561 32446 45987 40537 78888 80508 72223  
45374 91564 87424 29864 75751 88603 69774 84314 46174 54913  
88979 02126 61639 51675 06982 48156 97190 82893 62724 86734  
97498 62042 49130 85271 88650 39737 95239 43741 19325 78395  
83230 98486 73558 84799 54972 73776 22275 36485 87828 79591  
05778 62976 44383 78800 64379 67668 25778 73005 59369 01419  
83349 79086 51499 23722 68261 96292 29176 12423 23806 86467  
03545 07894 50068 16133 12660 02634 95649 33827 01926 75429  
00000 +++++

**11487/9376/7591 kHz, 13-06, 1015/1025/1035 UTC**

18124 58697 40350 32490 87418 32344 29117 02333 83374 29318  
17441 48641 75378 76706 16522 81206 56306 33494 69300 29832  
25744 25414 18487 53266 78383 05691 03996 95103 27284 90084  
31959 97593 16685 39706 82504 09306 04052 90006 48498 47571  
16056 49410 22427 01651 08159 16007 73611 87563 82503 85743  
82945 90514 43795 50569 27336 55851 97848 09951 31038 14498  
22510 44203 26079 53802 65621 23081 88937 69722 49727 48056  
45701 61308 88208 51726 62843 53394 42524 02787 65854 58463  
75257 90012 52880 13602 78652 83674 95566 53492 83318 97843  
44311 76091 00000 00000 00000 00000 00000 00000 00000 00000

03770 95561 45072 19226 17268 40150 24507 53829 52336 00259  
21439 83235 37049 82053 70680 76393 65636 79121 27355 19847  
00385 25717 51861 36259 33002 47359 81637 37018 16408 63490  
63190 76116 02852 21870 42808 97477 49336 69392 39412 92937  
76247 89018 47961 13053 90153 57512 46871 97930 06699 03657  
07874 20263 34533 71656 31750 57756 06216 19396 58383 37149  
67025 06250 24566 16987 57618 50133 67996 01366 51480 58479  
00908 01815 33086 62823 01760 89511 27734 11697 98433 05018  
18966 01503 41375 17719 14532 50067 90108 77087 00000 +++++  
+++++ +++++

**11487/9376/7591 kHz, 14-06, 1015/1025/1035 UTC**

00000 +++++ +++++

**11487/9376/7591 kHz, 17-06, 1015/1025/1035 UTC**

23052 66480 01071 25638 53474 77142 40409 18792 33071 01986  
87495 11452 96884 95393 85127 46988 83612 35106 18259 06487  
55301 89442 93894 27006 82379 11196 54299 86338 61199 94120  
03180 52707 56296 52955 49556 22850 84535 12919 98991 96913  
83342 19617 46867 63603 30206 05293 53405 94025 05637 72370  
05113 67659 16766 80212 92336 78890 23780 46045 57622 97554  
36379 95973 94561 81917 72433 27040 01815 67537 96040 66248  
21995 80444 77160 37501 20103 48066 40026 72388 81206 06358  
92506 25753 32038 26547 53614 81985 16205 09958 21344 62977  
77709 24328 48037 73671 32449 80076 15446 46144 32394 69942  
26698 68171 52132 20445 57335 07190 52455 28598 32631 65615  
00698 82309 23360 28447 52487 87920 77211 89085 24617 53299  
28036 64325 13718 99947 50114 34426 40412 02545 49628 69240  
23656 79368 10529 26295 14928 82041 36990 31795 46987 58018  
59620 80468 76855 84272 97647 15204 27728 95616 94234 72399  
59506 56072 67136 03982 22618 46764 41867 12017 74836 68741  
59586 56863 65771 84183 76867 24786 18720 44420 99558 65991  
64576 78208 17905 39006 07470 38700 35131 22341 26841 32532  
06675 79374 45614 79493 32235 87402 19193 76190 67863 66782  
24919 62152 50240 71109 56728 11815 50359 24373 54659 00830  
98789 16018 23910 20116 49708 89849 23146 36106 75888 87736  
26716 20628 11832 34023 90498 98845 87237 71608 76036 88704  
17984 85623 12667 30322 46822 75638 02325 28756 50962 62350  
96705 58584 58742 39673 01492 03745 42568 08181 87297 31068  
80305 50831 12060 20927 02323 36918 84527 03470 66359 65180  
23558 73842 27421 82005 92904 84861 94875 35674 16170 40560  
93946 52573 01637 39056 73789 46322 31634 38167 29334 95745  
96153 42226 29085 52627 75389 33515 66073 65196 00882 96772  
74129 28262 49977 10207 76680 95955 53264 01440 60258 17999  
19690 91843 89898 85457 09038 77682 08617 96888 06463 21515  
88166 80851 78754 52284 23239 35693 17033 97539 86324 72556  
95555 96223 85388 72560 01327 65461 91579 94061 14194 19793  
29140 90961 42118 66287 44712 27983 41310 23964 98221 03861  
75918 40982 42540 18371 96952 08006 84093 44155 45133 91211  
41627 89259 07355 33352 45290 61344 81451 96330 43249 69477

28953 43716 08003 24471 20504 86630 55596 23695 03666 41462  
47913 31289 47752 72826 61241 89735 45414 20220 53287 23705  
75644 31803 05848 22130 57897 53751 69302 09446 52010 48605  
48131 41915 83611 41069 23639 89999 99707 14680 31071 92694  
84129 07802 33315 94786 87527 82368 58369 02942 51617 63816  
92769 21596 32335 75651 48162 54553 51615 17078 43202 83257  
32472 57135 67983 57653 97055 43772 23158 60581 32404 51300  
50971 31653 53538 14670 00362 61528 18621 23990 93335 92547  
75852 77747 84804 86643 46783 18152 33060 46478 75752 97048  
23082 78441 00000 +++++

**11487/9376/7591 kHz, 18-06, 1015/1025/1035 UTC**

99356 76314 30024 10490 33957 89733 49513 21386 13014 94516  
54017 12357 37757 05860 39794 41130 54031 14003 38097 39246  
70874 95846 67002 39928 43639 49321 97000 74806 01355 48950  
22551 00429 23019 46034 56774 40485 92491 61908 91486 54703  
86704 47705 89738 70333 76845 09051 03077 37172 47229 19147  
30691 92060 61520 68667 62644 43786 31022 25909 74374 14341  
64686 05629 64653 97454 05561 70021 54185 20364 83349 10250  
87046 19725 37766 81989 02134 67642 92382 93408 66830 08715  
83651 79081 00000

94494 69408 91494 42779 44706 13039 29070 10473 95818 99684  
57070 21127 86242 57020 66980 72674 83165 83546 39165 81269  
14008 24653 16958 20488 06196 90193 88271 98127 14909 11998  
66912 31547 43508 64761 90798 07469 86330 98759 79247 37202  
48533 57807 16540 43208 22666 80913 53944 37951 26687 11062  
47376 80969 33078 59563 72900 25117 43768 99410 87242 87885  
90536 86067 25515 08779 65604 29147 53336 78651 12080 63399  
15525 51954 28954 92455 48577 77834 70344 03767 49087 11022  
43652 78160 15322 88426 36339 42479 04122 82409 26009 38711  
70323 66645 53465 08067 80890 55518 63458 13433 20938 80099  
00000 +++++

**11487/9376/7591 kHz, 19-06, 1015/1025/1035 UTC**

28512 13746 66424 \_\_\_\_\_ 80598  
91498 10290 05776 16396 87991 26270 83242 41440 51276 80559  
81829 \_\_\_\_\_ 56490 62208 87740 25802 21667 21467  
11357 82754 12005 57185 90857 88614 02143 07283 84452 \_\_\_\_\_  
\_\_\_\_\_ 76754 20986 71462 31403 98698  
47197 45037 12170 68471 33086 96232 60010 82521 55209 54391  
29423 27277 90407 \_\_\_\_\_ 38455  
41036 38253 42003 54668 40533 72322 17440 68190 \_\_\_\_\_  
\_\_\_\_\_ 13687 10055 00845 83435 84162 74454  
23065 96337 61099 38336 23926 35141 63838 76810 45939 22244  
28575 66815 28665 04739 12228 75253 93104 95125 89776 14398  
62519 94160 62238 50533 49363 44264 17472 76752 63015 86939  
11016 85847 18004 22627 59116 04242 47398 96444 61160 72893  
51075 58236 93689 86103 33528 70380 43179 24179 10913 61787  
69781 \_\_\_\_\_ 90513 24931 13082  
77619 42345 72056 91101 99534 68305 \_\_\_\_\_ 40124  
50925 34027 54372 57908 45586 41619 69625 42687 59894 64127  
94872 14384 55348 74526 \_\_\_\_\_ 01264 27649 32289  
07778 19124 68790 83820 27658 91181 59980 32481 25412 06794  
45211 59233 85905 61565 73851 \_\_\_\_\_ 08773 18229  
32722 \_\_\_\_\_ 64658 43851 79562 00898 66810 44251  
54265 60498 08042 30525 06021 20337 08146 13614 24475 \_\_\_\_\_  
\_\_\_\_\_ 46285 00347  
80595 82635 77322 00641 28973 66006 36243 78918 05431 07140  
03616 61730 36252 \_\_\_\_\_ 24920 59434 72729 12489  
50965 33073 73914 62958 23983 \_\_\_\_\_  
\_\_\_\_\_ 51971 72532 10605 \_\_\_\_\_  
\_\_\_\_\_ 71462 49984 10749 80502 49787 66833 45338

30041 68457 30205 88085 50862 \_\_\_\_\_ 59894 64127  
 94872 44342 10024 36650 29836 69892 71056 \_\_\_\_\_  
 \_\_\_\_\_ 11287 83495 67771 54372 83715 88317 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ 42553 07549 01789 \_\_\_\_\_ 01319 78074 82506  
 \_\_\_\_\_ 02661 82586 57801 44610 21544 91555 47962  
 84790 83270 \_\_\_\_\_ 31623 95564  
 51856 77495 97883 02128 \_\_\_\_\_ 69882 10609 58765  
 72638 72440 73467 62829 26480 32600 \_\_\_\_\_ 80228  
 86209 64108 63513 84807 11299 62093 24331 83883 84251 27956  
 24963 73238 09952 90820 09841 44050 64370 06026 07973 77948  
 83645 65877 56571 35930 02376 76396 98047 02048 15853 54199  
 19142 67835 45888 07435 88388 68378 14965 58738 \_\_\_\_\_  
 \_\_\_\_\_ 05612 74336 53379  
 65523 41595 41177 52563 38610 48157 86010 18771 89525 50445  
 77709 87066 22474 84939 60962 \_\_\_\_\_ 93633 81437 00000 +++++  
 +++++

#### 11487/9376/7591 kHz, 20-06, 1015/1025/1035 UTC

99644 67830 35975 22109 51312 72569 92763 76866 06046 85237  
 22495 14413 22907 38518 50480 45757 54180 55043 70913 22012  
 31184 45191 79599 16808 70100 04976 07179 11154 90007 74982  
 57522 04171 60312 46265 80995 98143 19763 24161 37265 31330  
 34230 85948 27354 56956 85446 93295 99610 91844 07891 45424  
 59303 83107 16002 83940 36504 66341 88915 85257 91972 13769  
 04905 01561 65703 95753 42720 36235 97846 04136 92000 64713  
 76674 10818 39973 36667 93287 82075 00000 00000 00000 00000

71143 57207 39474 33632 58898 84384 66511 70167 76347 85624  
 43358 11062 81211 97350 66275 83300 11807 03117 87863 99075  
 50078 92506 30337 15921 90978 51780 57489 90283 79131 90941  
 28792 41758 98715 36922 84053 70145 27516 47564 32086 92529  
 91064 26090 41813 92563 77821 40752 59254 99152 01327 79341  
 98829 36713 20261 93250 82414 14207 52359 10769 24588 45130  
 43101 24316 87508 15645 75131 81272 53859 43046 29339 33122  
 91294 91749 33529 22582 06825 38978 59636 13402 14590 07352  
 55408 92534 65436 06557 21496 99349 11763 51284 69900 61594  
 06040 47622 24692 42768 56475 65098 50967 30626 88235 36551  
 22951 21467 83674 53021 67207 79921 00002 45848 41879 78911  
 87834 83111 00000 +++++ +++++

#### 11487/9376/7591 kHz, 21-06, 1015/1025/1035 UTC

00000 +++++ +++++

#### 11487/9376/7591 kHz, 24-06, 1015/1025/1035 UTC

24827 99426 34506 78058 50275 77132 32671 03672 85392 53493  
 45987 65985 66548 61800 73107 94277 95187 59542 27831 64252  
 58402 00038 40973 26161 63283 72901 06482 54110 77211 74302  
 76473 40001 91313 92946 34883 80536 49233 22717 04417 30730  
 08433 37910 66492 22355 26196 92008 98857 70776 87526 25931  
 60563 18597 17133 96681 78999 89557 42673 62361 18662 51126  
 01470 84449 36344 09221 07855 33322 52446 83498 23360 07917  
 93084 36639 96917 05507 82685 56084 67271 02503 91758 11646  
 44783 32234 69533 37433 14820 70629 16145 11535 29910 65757  
 74056 31892 82858 72143 43413 11800 78003 75814 51002 43473  
 42810 21000 27520 03124 46977 74435 72823 95969 21257 88192  
 13859 64626 93164 46996 84954 09321 81773 10932 85160 93350  
 18779 89522 92331 32236 88014 08073 38636 90009 00624 52246  
 77169 31056 48049 01800 94380 00975 00055 89410 47980 34870  
 39947 45550 35021 16523 54192 15320 19851 36886 18618 58201  
 76609 25324 48379 66652 25966 52049 03891 64491 70779 25185  
 69892 71005 60379 30901 49856 41708 38137 90041 42906 21709  
 52038 29707 95448 72610 32916 93202 44700 58875 70059 36816

96285 04613 38869 86838 03123 56704 60248 55281 37748 15217  
96422 37725 75299 17039 12875 41727 29322 83682 61072 19239  
07598 69170 61696 01465 80181 68969 93030 59594 76833 75891  
14231 39859 56026 93905 78128 46337 12733 45800 13283 69950  
17164 35625 79958 87090 01648 51859 29712 76315 37852 22243  
23281 26542 71511 56196 86461 35189 06878 35787 08664 19689  
58050 41159 13828 90828 09399 21379 58388 61329 52248 46622  
35985 88132 90025 02659 93591 71803 29052 13540 88760 61508  
97160 03470 42670 38990 57339 33752 68657 79988 08581 75786  
80925 16542 91122 06036 13124 48597 38276 33895 01463 78383  
42015 98416 12083 65968 24534 94819 17339 29450 32939 16717  
50701 38213 99277 25007 94961 72683 33087 79362 83416 49036  
38648 93252 18740 32269 74134 98437 39207 86103 94842 29880  
86978 33132 47697 66991 58116 23660 09203 92175 39029 36678  
84048 52589 59028 61396 06544 36062 13687 32786 12072 97118  
38688 19564 70749 94030 38842 88049 00480 22845 01978 90346  
01598 59322 52375 50270 80268 44717 23439 45473 52857 76354  
54305 09198 48433 88917 40046 00089 51614 37403 90191 13524  
52925 17672 75229 32869 98865 85531 65781 44126 58869 60300  
94148 62388 51349 23770 92902 43555 96014 50526 90216 79735  
84634 30546 66621 01782 87456 70025 02875 37385 37454 81362  
73633 98185 59590 98235 66612 94310 37292 76727 31917 99801  
33322 68408 91242 17353 07222 76338 61626 15807 96535 29915  
73427 84411 00000 +++++

**11487/9376/7591 kHz, 25-06, 1015/1025/1035 UTC**

14291 71259 18545 84090 66990 30343 81248 80808 00481 16730  
55017 94667 74049 01930 47768 92078 28902 12742 72377 06834  
56048 89451 31418 32534 02184 33967 51600 63552 18243 71341  
85112 70462 80311 73101 20032 20883 37600 15837 67021 81673  
67146 73480 14470 63404 39947 66715 69282 93059 28203 17949  
25503 25896 08367 85291 27957 32398 39671 73976 23097 21271  
22847 48657 14248 84404 68688 95024 63429 74750 31181 04174  
06954 53041 84863 78165 76975 64299 51114 85077 00000 00000

21005 00673 56347 84399 13112 24267 69586 26830 05955 89483  
88481 24343 03531 01548 40313 94074 70213 50748 93685 39870  
04297 98953 84867 52712 83921 27945 53209 56570 40034 23003  
52828 35586 36099 90189 32758 03554 59224 30755 02737 01618  
52414 21109 26828 35132 42607 71804 12063 85615 44215 63953  
84289 58748 42828 86526 68413 54329 88793 22967 15226 69156  
55335 60561 41995 68749 40916 21001 79019 88851 20530 35566  
39323 52667 75594 13386 53685 14747 57164 76198 38186 67478  
62108 58046 86460 71108 26989 93363 03851 93236 69280 41866  
25635 68727 30655 23706 86528 15959 01999 63309 33643 70359  
34856 65349 00086 21178 68989 71283 81395 62395 30732 86109  
00000 +++++

**11487/9376/7591 kHz, 26-06, 1015/1025/1035 UTC**

89187 76505 95441 06288 88436 99245 80967 89827 69563 41435  
71889 30124 28682 71229 21837 34661 74881 67341 65770 60146  
76235 67872 57835 70554 93806 59070 08938 93716 08327 27473  
41196 62376 69235 23869 01491 50660 20772 12506 01279 41894  
84813 03999 74857 88702 05120 95360 73286 51333 82715 65604  
36129 25143 57051 00342 08224 93176 12667 43832 93651 64787  
16026 01904 64109 86223 12215 44194 63855 34129 36186 79146  
78433 27892 18254 00189 59344 21775 88498 26556 21873 62773  
09800 87164 58233 25128 94156 21000 33249 57438 82010 92440  
54728 03315 89228 44964 35741 81492 51463 41670 90970 36369  
20555 66050 34345 94877 92675 81460 70115 90656 72897 72714  
94585 41429 05877 18242 50671 90557 27336 66260 02478 48680  
16036 13379 22087 96395 50921 09085 05737 33914 03133 34544  
61583 88618 17568 29162 36237 16475 63681 63328 72244 58226



60207 80794 13728 36314 03503 59116 02349 03452 54183 61600  
30792 78802 61751 79195 45959 32689 31900 85755 19054 05780  
66183 55128 24755 73677 28726 13489 96645 92863 19686 25370  
51120 88924 60134 36820 96914 72999 18047 24130 72481 97390  
30106 21557 78383 86269 98977 26497 96888 02418 70778 05533  
15966 35945 22391 49798 99855 25909 13344 53100 73421 50791  
81918 11225 12444 48755 90193 65877 57072 53623 47690 41690  
90598 57520 68324 49732 50758 36109 40351 55955 65734 97366  
13978 38031 32054 39827 36343 78991 76573 31238 88546 71129  
69725 43565 04420 28596 82228 05284 75717 32113 02441 56883  
73425 54265 56540 20546 39872 38789 98733 19911 31318 32306  
63664 10883 15736 91931 98215 09406 55439 17206 14904 27152  
29275 79771 34030 51057 74041 49249 06799 27639 49846 38738  
36572 38041 59060 18385 40461 74736 73593 70454 18441 55825  
50137 84343 22160 37875 38099 14975 40658 13224 09892 53003  
45157 02702 68279 80281 60124 79698 10451 09011 52794 86511  
53534 28025 58331 28921 51213 04643 82828 59924 56146 15516  
51322 88568 07880 04927 93017 74816 50929 93964 80903 96385  
12727 89010 67956 98500 96123 62981 87106 62486 66124 07772  
07165 54155 35549 81310 61895 37907 79313 97694 94418 67502  
32001 33824 84132 89415 48431 50979 48342 19741 31899 54769  
35785 80559 59780 41912 54237 06723 61184 07254 99387 58978  
26353 09485 77173 04385 52471 18991 36755 49951 55607 96258  
56325 40428 03441 74294 48940 56206 48488 43482 80554 72246  
66495 62316 17448 63975 29702 42459 45245 71106 69651 81541  
26693 55294 09240 42165 90396 12581 68691 00528 67711 26562  
75148 13116 19952 73220 30560 74902 23126 13344 17559 67483  
02386 33492 48016 20599 33352 21425 83955 35463 52542 86952  
85525 43353 44057 64118 65700 97889 94722 55682 56414 24444  
34880 05815 15808 75110 07013 11961 31267 62685 29383 11791  
97966 72091 46880 06200 77571 72670 86266 87447 00000 +++++

**11487/9376/7591 kHz, 27-06, 1015/1025/1035 UTC**

58541 74900 68778 70864 31235 40035 30026 91198 84539 70483  
30688 80666 82872 18182 54747 55636 65372 40339 70733 46238  
95073 89000 98322 23092 61281 66731 05498 76868 46125 03102  
09714 17863 91203 31658 81504 87786 25259 72067 73970 00944  
38832 47130 26580 56995 16826 89343 16727 92492 64914 16695  
57474 63360 90734 82392 64939 75538 25810 28203 43726 05941  
99122 96089 63882 80945 98294 77839 27780 04581 79292 07371  
50388 53620 10615 25395 01355 81741 62886 71134 82343 99974  
79795 80783 38061 25589 91321 97385 24422 16638 55186 21827  
82266 88091 00000

03262 77593 80151 54588 95783 75655 13654 67670 36995 00456  
30084 05618 73967 62801 35793 36779 06430 26267 48238 21369  
75077 67443 90974 55159 23793 05814 36784 53903 65483 51697  
41148 89404 06225 45698 33226 13200 07385 88087 56549 28767  
90428 81580 76610 98209 14086 35911 97528 94346 78566 07675  
54990 34157 36519 73855 77643 54508 15411 62485 34136 16100  
81020 88866 07990 46574 96739 70802 67492 58727 58349 21265  
22791 04745 08986 41944 87393 52421 63962 66114 86233 94280  
00140 24250 77522 25555 89540 30839 80548 51935 81889 15820  
26622 13055 65759 49088 75354 32630 63026 89097 00000 +++++  
+++++

**11487/9376/7591 kHz, 28-06, 1015/1025/1035 UTC**

00000 +++++ +++++

**13370/11538/10614 kHz, 03-06/04-06, 0230/0240/0250 UTC**

43110 88602 49652 02458 27334 96329 91146 73341 44430 23223  
 72809 18321 56065 32178 56945 63050 36195 96374 01424 31714  
 54926 87309 43581 85294 63635 69173 15871 18543 73556 60513  
 97924 39076 45009 49124 34741 77032 29451 71090 75666 98745  
 31566 89932 13864 22846 83541 36787 30965 62246 48755 97555  
 76576 40450 97033 57972 37345 55600 18687 42507 75253 90735  
 65495 08068 39847 93657 63844 78412 84075 74881 58190 30229  
 38425 97080 92043 66812 23054 54474 78664 40272 02593 65594  
 62645 08220 13308 27873 86582 35858 17325 07474 34014 79423  
 63581 62827 40814 11915 60207 25286 92231 77041 88021 85346  
 47767 82327 09830 57884 61057 67326 55201 24815 86978 07858  
 85438 78649 93136 42222 68391 15358 17945 30330 17835 49983  
 42465 81667 77082 53460 68212 13059 51521 34047 18099 22147  
 19763 11835 02711 87529 78100 59757 19112 31502 97940 09540  
 74340 06327 00927 46029 50813 89980 81413 38341 55805 02314  
 31000 81261 22202 77546 44796 45335 52705 54065 14118 59088  
 24684 67428 35293 71814 97862 57542 89270 70364 92024 25928  
 71718 48382 26919 04027 78293 51410 41570 18476 74776 46323  
 35162 64297 06761 88503 96698 21932 28577 85218 15616 79061  
 56140 78620 90539 43146 73416 96814 78376 55634 47185 46431  
 50927 43756 29794 45138 51197 70867 54585 17537 66686 71248  
 53690 02866 61325 80330 52868 47966 34742 96257 23090 83937  
 98584 33739 93542 09917 89531 56125 55752 32430 59719 96636  
 13501 33746 12261 04702 58238 67668 73969 78320 74665 06212  
 22473 68404 06182 85593 09916 66026 34886 24971 50431 08518  
 55812  
 03251 00000 00000 +++++ (2024-06-03)  
 56251 00000 00000 +++++ (2024-06-04)

Note how on June 3rd, the serial-GC postamble wrongly indicated the day of month (03) instead of the correct message serial (#56), which was fixed the next day when the message repeated. (PY)

**13370/11538/10614 kHz, 05-06/06-06, 0230/0240/0250 UTC**

26733 49558 67551 27048 48304 78936 06321 01694 32444 88871  
 75511 11915 38392 60299 78504 43151 10997 80728 44121 70933  
 60012 34441 46393 03476 91823 54908 35364 79453 17064 56593  
 64870 50634 82537 88340 28224 04068 00903 75529 37750 03506  
 76546 43191 09109 54756 51084 37266 36334 24648 16926 86194  
 68539 68289 72353 70029 24215 44328 16530 89246 04069 22874  
 07893 50465 88329 15793 34363 11234 29470 84050 68808 51098  
 76267 01792 08196 61122 90161 81845 19876 69047 39824 92349  
 43430 42294 84890 19166 21529 35979 84801 53792 58220 78133  
 93658 11449 28106 09326 27070 09021 84835 18860 11902 57562  
 42341 44743 54868 49030 27282 29616 90922 41949 26102 49821  
 97357 75687 75166 57113 00000 00000 +++++

**13370/11538/10614 kHz, 07-06, 0230/0240/0250 UTC. Wrong 1000Hz shift**

00000 +++++ +++++

**13370/11538/10614 kHz, 10-06, 0230/0240/0250 UTC**

+++++ +++++ +++++

**13370/11538/10614 kHz, 11-06, 0230/0240/0250 UTC**

21460 39308 09759 69834 43241 69971 99895 44766 39817 65862  
 61479 48780 67631 79868 87341 \_\_\_\_\_ 32305 66428  
 07631 09565 38807 07713 14859 34401 29885 13595 81969 75953  
 54963 63275 35126 90785 00850 83664 53476 72665 01430 45099  
 66514 33104 09445 62242 77316 11283 14826 29843 60092 55570  
 21007 48047 05493 43799 \_\_\_\_\_ 34509 92748 05067  
 47578 66329 23984 21423 27827 47693 70362 45947 87715 04073

89989 57844 41701 74925 90955 46651 57853 77523 19275 95651  
93686 79878 92225 92346 67244 49928 13043 45660 61885 73180  
27893 54565 88182 56003 11075 77836 51407 56747 89377 99591  
97997 11888 41539 70325 39487 49371 33734 28118 77257 06362  
77042 29715 76853 93559 17824 46141 64457 73303 96936 02570  
45343 43616 38751 67107 66369 45401 55873 18197 71771 34976  
80539 45317 25424 89113 58605 62674 98043 34799 67063 40568  
42763 20881 41046 84120 07532 73798 21226 14056 57764 04586  
57572 29220 07682 59328 30389 55523 83784 30265 74577 10998  
68887 65722 37211 98068 62056 74069 70277 07839 19605 29878  
21793 25735 00432 39477 40766 93767 97719 68091 77420 58530  
96857 79748 12320 99964 58164 54143 09436 40454 81141 01646  
59948 07545 36787 18639 27652 \_\_\_\_\_ 32208 71579  
57200 00000 00000 00000 00000 00000 00000 00000 00000 00000

97296 79793 04696 12127 93004 86641 79215 79776 74776 54432  
19377 19335 29892 34485 31360 84621 17065 43479 89158 73606  
41138 55828 90213 75330 31546 14128 01381 68485 78717 31099  
62417 07585 08937 81479 39170 57679 01530 07289 43662 63537  
78555 84911 63267 64239 21525 27437 66141 89117 94852 20687  
75120 95985 80742 16377 27263 37584 55178 30832 61217 67191  
59724 22727 99614 19331 48806 48245 18671 26511 17171 17135  
22172 57942 37211 98068 62056 91159 60836 46766 72756 52496  
65588 25735 00432 39477 49676 46050 21753 46119 05629 58677  
62006 96931 27246 03667 67064 00793 29541 80762 34055 10407  
86353 85797 50327 78407 15330 54342 05431 86020 \_\_\_\_\_  
\_\_\_\_\_ 24307 15238 73291 08996 81922 79634  
63889 40130 03589 94411 52315 66582 15583 43560 96588 43764  
96492 02713 63312 21955 59023 16913 60310 28232 53386 86311  
08811 46154 59452 95693 34872 91630 59870 48805 84730 08425  
11324 93390 93768 31721 56119 47900 63777 93199 41302 69785  
28206 66047 \_\_\_\_\_ 73348 74470 42002 02368 08299  
36233 81081 25165 39664 81792 61817 39939 00935 84826 58733  
24948 86609 08822 19213 41884 04045 60064 97225 48289 54307  
85663 12182 35467 40470 08769 93757 96564 26783 18189 58778  
54524 97167 54595 10944 04579 86457 60489 59430 58208 00000  
00000 +++++ +++++

## 12 June: no transmissions

### 13370/11538/10614 kHz, 13-06, 0230/0240/0250 UTC

\_\_\_\_\_ 51172 87667 97109 42141 96477 39361 61389  
92507 92670 \_\_\_\_\_ 63964 94951 88510 65950 09010  
66825 09544 21531 49441 33877 30502 60985 \_\_\_\_\_  
\_\_\_\_\_ 61157 31550 12528 80367 48811 34620 93587  
22713 88237 82661 50333 99204 84810 87569 42418 83968 63432  
20221 31031 92002 19383 \_\_\_\_\_ 73565 07070 82382  
65349 74329 25640 67558 95727 13065 \_\_\_\_\_ 45752  
70196 50656 28217 37663 44780 63232 11950 73384 72638 68616  
68449 95366 98014 62959 28146 91179 90823 31160 67171 62662  
61147 03096 07256 59150 94140 71903 25873 01981 41287 93997  
60100 00000 00000 00000 00000 00000 00000 00000 00000 00000

25912 23596 11835 35934 15031 48852 61348 24177 82174 27019  
28389 60236 65877 58161 25266 40595 98230 26149 63396 57671  
92963 32807 92805 41050 70340 16850 62026 00763 92308 19877  
34359 52304 06343 06333 \_\_\_\_\_ 30110 19837 04961  
64521 14483 62304 02640 91247 97861 18470 32484 48723 42450  
07056 01550 \_\_\_\_\_ 01474 59724 32985 63743 36907  
10067 85920 71322 73190 02848 07821 16630 07953 63790 78158  
\_\_\_\_\_ 45456 40445 19550 38034  
68947 85533 15265 21405 82035 72370 72557 04188 81360 15083  
11795 04825 87174 59155 16448 95521 13755 07199 30694 29007

\_\_\_\_\_ 57395 77159 97583 12318 04866 61792 39855  
35719 59816 14260 31693 46997 99598 44874 17018 \_\_\_\_\_  
\_\_\_\_\_ 75565 09294 07579 76451 79179 65230 85476 01455 03916  
98353 52508 14683 15398 57367 30095 87778 69466 84626 20886  
62606 95346 00755 75215 04084 53534 62787 26303 91381 85564  
81795 21399 95947 97869 10916 06045 19781 46906 39729 39645  
92398 17737 55924 47537 49932 13257 60185 39171 44788 96253  
45239 47096 59312 51489 74996 66429 21903 55978 24733 99504  
48988 02678 68242 35383 61336 35742 22899 18913 48107 04559  
88563 89030 77102 88736 41284 90986 74643 95238 67708 \_\_\_\_\_  
\_\_\_\_\_ 51168 56302 52386 98160 45345 55465 15262 76256  
96492 \_\_\_\_\_ 13243 03043 22684  
81437 39673 86917 97048 10145 77303 93873 67559 49838 53961  
80510 79488 \_\_\_\_\_ 25266 97146  
95771 47912 43289 16405 02925 57728 91254 43921 44862 24744  
60710 51673 28842 85099 36537 59927 10165 64138 61258 00000  
00000 +++++

The previous message serial before that was #58: it seems that message #59 was skipped. (PY)

**13370/11538/10614 kHz, 17-06/18-06, 0230/0240/0250 UTC**

75172 44683 10301 38886 60205 63275 08568 47662 45870 73477  
33711 67785 37167 76634 49180 75069 81016 21583 45312 27043  
69228 63255 51145 15748 71267 70222 90858 43685 82721 10843  
33272 65095 00452 72716 07862 59755 60328 95122 85708 31481  
98498 19138 48829 48529 22142 85113 96317 68078 00617 32207  
60754 11977 12969 79647 33289 85954 12722 94436 20865 59471  
95882 75148 84007 48403 83119 06540 28610 67748 52029 64649  
50171 46532 80436 77067 53902 22120 86680 68072 99157 56099  
77794 43316 41614 38937 41543 93747 71643 75596 43244 23468  
72316 69293 13309 31189 45467 45589 36445 99997 79270 83995  
78460 75114 55750 49299 11593 34314 21674 39766 24326 80723  
71261 94441 26601 12662 14148 26709 86385 50220 27037 76311  
58527 23270 12484 97017 91824 50582 13245 22119 25260 64748  
55632 74941 09337 62589 20305 16575 13441 85738 63946 47988  
05183 61093 40253 08728 12647 55809 93675 39391 05491 26544  
24359 00050 55823 67609 47704 61820 64814 87760 96996 13771  
65957 70262 42546 52339 40935 95957 25758 45466 09014 34013  
31588 88618 75918 30017 47819 94893 53110 46135 84579 86397  
83416 33008 52563 79075 33948 38067 23375 78191 42228 79967  
20441 26637 26495 43821 13927 73258 96094 76918 18092 53394  
22910 89625 14528 98804 59762 91144 49710 19186 16726 14827  
80304 22450 31285 12716 64663 65963 93280 24034 23956 55933  
10577 47258 21357 37121 26391 70520 32748 40079 24217 39979  
07354 78089 81288 70873 41757 11006 56508 30941 15738 18166  
23797 50886 63358 47586 86778 41584 77738 33602 35761 22714  
72971 00160 32933 92502 51590 91939 36726 93268 51051 00494  
01267 52462 67651 77596 11872 03867 81329 52990 42511 18679  
29777 98704 46184 01128 05310 07155 14142 28340 72928 75191  
64892 39126 33006 11299 48935 01381 77044 08121 80146 12786  
09935 47507 29771 14501 37158 30273 43944 22529 40363 47844  
70687 06446 89764 37988 07314 70178 66792 91818 04184 14525  
95434 04247 85742 86098 05707 85090 74780 42387 77688 73005  
30857 87603 39564 19438 38819 59043 18107 34788 08353 68597  
65035 13962 70517 29142 07699 83514 82173 20476 97499 37550  
74275 74490 54524 54591 04939 84274 31786 12587 03231 66826  
62350 00000 00000 +++++

**13370/11538/10614 kHz, 19-06, 0230/0240/0250 UTC**

**13370 kHz, 20-06, 0230 UTC**

**13370 kHz, 20-06, 0240 UTC**

**11538 kHz, 20-06, 0246 UTC**

**10614 kHz, 20-06, 0250 UTC**

61837 66073 18016 83520 24889 50408 43578 23259 45633 76381  
44774 86177 46378 18211 81045 86251 55875 88952 39228 40456  
47928 77335 36480 77125 58989 44461 22516 40911 46655 35048  
54606 61496 72017 82924 43760 78273 21792 15440 95537 38166  
56761 31940 55629 73257 83196 96406 77605 72257 78381 46159  
60665 81765 15627 74217 76020 66414 35945 49754 66305 95205  
38520 14608 44883 31813 00970 28121 39790 48024 15318 90830  
30736 02524 50643 01421 52615 52187 78312 26660 63961 88087  
20754 89020 03772 13393 09706 01659 85156 05351 64869 05438  
99238 28533 28914 87706 27746 91550 19766 87484 87727 64400  
86119 16775 56848 98653 77108 52668 52671 17656 62077 79943  
64396 68939 61382 88837 60467 56031 74170 57681 20503 91837  
14068 75084 64972 40800 88712 81364 81076 42012 84076 33891  
68241 30478 39506 26054 51692 98700 24427 14527 37522 65792  
52643 34516 07706 46296 95173 07697 78493 35889 77560 72497  
70619 56185 72589 91444 64763 25793 24349 15246 40704 49836  
64592 08295 23606 45121 07302 65289 85863 43130 32429 73654  
77956 27809 61335 14863 86748 71950 18602 15461 44654 74486  
64983 55833 38132 95016 81046 45083 88930 22611 68819 41830  
06519 01973 59597 24632 58447 02506 57893 63910 44015 42721  
92510 74521 33827 21157 59597 24632 58447 18010 29700 89803  
84816 88657 58105 13425 39728 91265 31615 84374 16857 15667  
81680 46407 42472 05686 64814 43975 23288 92123 96228 34161  
24867 78565 47626 19411 54046 47208 45102 80755 43785 76894  
28068 16209 63909 90547 55156 14024 06157 74181 68032 15510  
16987 34683 49054 47080 76581 88549 33716 26223 47463 98776  
63818 71097 41199 02068 92295 68418 76589 93573 75639 79331  
27809 61335 14863 87975 85924 87615 30929 22391 82228 59322  
85599 02490 46828 54696 83622 94763 00922 98453 17210 78411  
06207 02578 38737 52588 19856 34942 72600 39449 28496 82947  
02176 62680 59626 04378 92807 06215 93915 82632 36778 82801  
26821 28563 63312 00000 00000 +++++ +++++ +++++

**13370 kHz, 21-06, 0230 UTC**

00000 +++++ +++++

**11537.25 kHz, 24-06, 0240 UTC. Idle carrier**

**10614 kHz, 25-06, 0250 UTC**

58134 43289 13559 \_\_\_\_\_  
\_\_\_\_\_ 57357 78447 10339 \_\_\_\_\_ 35600 10262  
21613 68721 81624 85595 \_\_\_\_\_  
\_\_\_\_\_ 07765 68024 47028 88324  
39891 16687 \_\_\_\_\_ 46872 57410 45759 \_\_\_\_\_  
\_\_\_\_\_ 53472 91943 47232 85811 51814 84492 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 09930 30214 75722 00084 12548  
92544 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 90594 21695 52624 45643 38749 50116 50085 00252  
00945 70037 50319 84150 \_\_\_\_\_ 87726  
03360 21688 78226 30838 95653 \_\_\_\_\_  
\_\_\_\_\_ 83504 65836 34108 \_\_\_\_\_  
18815 76277 04837 67652 75795 81681 \_\_\_\_\_  
\_\_\_\_\_ 00000 00000 00000 00000 00000 00000 \_\_\_\_\_  
\_\_\_\_\_ 62136 95973 42424

08113 50466 36633 90108 87126 76364 91216 54615 05240 52436  
 86536 37736 \_\_\_\_\_ 62145 90165  
 26085 \_\_\_\_\_  
 53356 76368 86532 74812 69483 31280 67189 11091 95420 26437  
 42175 88254 67447 50988 45738 48771 88889 61154 \_\_\_\_\_  
 \_\_\_\_\_ 18614 56871 27140 \_\_\_\_\_ 33650 98882 97603  
 \_\_\_\_\_ 58881 75945 86895 03845 79182 85828 \_\_\_\_\_  
 \_\_\_\_\_ 05746 45859 42679 81187 55645  
 91240 \_\_\_\_\_ 41257 29127 93438 75539 15812 72490  
 \_\_\_\_\_ 97493  
 53710 74783 \_\_\_\_\_  
 \_\_\_\_\_ 08022 70883 99083  
 26427 55559 22869 \_\_\_\_\_ 55471 98113 34761 \_\_\_\_\_  
 \_\_\_\_\_ 42156 04221 94820 02301 13148  
 71789 48220 74829 56964 \_\_\_\_\_ 20673 53799 56644  
 \_\_\_\_\_ 32651 67000 00000 00+++  
 +++++ +++++

Strange message ending. It would seem that we're dealing with message #65 with 167 groups, but things got shifted somehow. (PY)

**13370/11538/10614 kHz, 26-06, 0230/0240/0250 UTC**  
**11538 kHz, 27-06. 0240 UTC**

\_\_\_\_\_ 88745 34064 08921 11278 22120 90202 17888  
 07136 04883 63088 86156 10169 40875 09200 57524 21354 20020  
 78327 56798 19014 80282 67108 76224 84658 05662 52737 62781  
 33233 46153 36536 54795 89943 70625 52080 41310 80845 88540  
 17561 42650 29404 01467 37070 35603 76180 70300 80505 71682  
 63867 09163 96771 61881 54835 41888 39965 26378 73383 82041  
 13247 32613 89892 22420 60071 70185 89054 44958 57460 36003  
 89375 86976 91026 28128 06129 24729 16418 71740 74961 60154  
 36870 25679 78327 21808 51571 42983 41941 15873 54503 83872  
 93438 88218 88467 04608 00434 83427 83965 70671 30151 11732  
 37642 67655 97840 59798 09954 08587 96135 06298 46772 60278  
 22564 28200 54598 38545 47387 08723 84072 44330 88962 82888  
 01485 40003 88807 88602 52945 89007 03564 60216 50931 07316  
 56041 22497 37878 00144 12528 75537 06507 82354 78563 79364  
 81589 05991 30353 68759 92807 43374 24014 72240 93433 99209  
 49841 50150 04481 50129 23883 21166 89043 35116 33306 60393  
 86493 45242 79848 80365 61230 86167 85036 30891 45665 11820  
 52862 78683 82135 52712 05006 52719 93431 87320 31485 66255  
 36623 29974 23833 51434 15874 33673 82971 67443 86932 31300  
 18993 68124 98989 63639 85007 40014 68577 67650 12279 46716  
 25218 23437 38796 40569 17491 83340 48512 27529 81212 31604  
 63393 96221 28425 48036 55505 47081 36862 74116 71294 82531  
 44601 04989 85269 44140 79569 55754 25266 07680 78607 75535  
 36477 72034 75769 07720 76440 02900 64546 19838 58174 17200  
 63706 51505 83642 19161 41433 53871 34739 23991 77455 19008  
 13982 30091 67846 22674 52095 25734 02195 66257 00000 00000

73224 24902 73085 95701 05992 11957 81763 92729 92420 16068  
 89782 08348 39022 46232 99337 14533 85741 77445 36750 74613  
 82783 03578 60594 02633 81205 59091 14063 43913 \_\_\_\_\_  
 \_\_\_\_\_ 00246 93141 23858 92047 48141 39911 58131 85363 23594  
 57148 22204 85295 71782 94153 54642 20004 85145 46307 73244  
 57941 78284 23302 84942 01131 73106 68641 52059 60185 92672  
 22602 75845 15752 87163 45829 83244 96067 40419 45777 27807  
 25320 30477 73160 40720 22491 42557 80615 92850 55380 57922  
 60754 53782 79491 67051 05804 58747 16469 80579 56013 19411  
 51769 36413 29015 39446 56263 26483 47338 20821 61452 91566  
 06244 71754 42978 57605 49088 52267 92128 11970 42390 18266  
 80014 43103 67112 00000 00000 +++++ +++++ +++++

13370 kHz, 28-06, 0230 UTC

00000 +++++ +++++

**F06**

Link 00000

**10198/8082/6833 kHz, 03-06/04-06, 0800/0810/0820 UTC**

11100 00000 69351 31040 02139  
46628 44325 42739 34288 63558 63283 32386 73498 97997 44894  
74917 95547 40243 41400 10327 69312 54281 45764 43540 94988  
93898 65955 84599 48738 44667 28633 35813 62200 40244 54405  
36821 91550 26431 71862 03500 55804 71419 62566 21664 49039  
45670 54184 81476 56234 19854 03953 63533 27408 54300 39665  
12534 89750 78383 50361 59496 02422 83293 43915 78435 83720  
76617 13705 88461 65304 72176 81549 37218 53141 13556 09105  
26610 99891 54765 94900 66751 18408 46457 99218 69074 91024  
01164 63976 14538 54344 35956 19832 57867 64198 16003 97672  
53771 70469 47427 86693 16064 56463 92932 06237 45639 22526  
08608 83597 88227 18574 25367 54971 07878 55252 23458 31725  
87093 48382 73471 99203 89577 76404 42287 40226 46497 55492  
87409 00491 52237 62032 88111 38055 80552 57153 86833 24084  
57070 92998 39277 87059 49082 05414 96623 17635 58554 22759  
68325 76315 29299 45514 38888 71164 04243 76378 37111 97712  
93733 05539 81194 58264 40815 80809 48168 02788 94415 17314  
41072 58565 26382 26413 52329 40816 53302 68554 46747 61445  
49043 59735 12589 78143 58958 86265 54139 50989 51685 07525  
24224 98772 69485 51387 20099 72202 63045 32013 91161 86201  
21704 44695 31907 78469 35009 17435 58592 86504 46578 23950  
93009 60266 86166 87798 01842 52674 90902 32294 65013 55121  
51620 40211 00000

**10198/8082/6833 kHz, 10-06/11-06, 0800/0810/0820 UTC**

11100 00000 89351 07041 00799  
63566 48696 88025 53113 45882 96972 66724 02222 14705 83575  
42554 47301 29032 96235 92914 44076 86103 89299 05237 83190  
81607 28473 19457 96336 09030 31371 49496 57391 34119 83545  
82179 70765 05378 34701 77033 64150 86519 04764 15404 27838  
21855 54505 72320 67817 70503 00408 09561 64825 70408 78449  
13339 56546 18065 86506 25059 85134 74907 60052 38577 77265  
36302 60853 62400 48891 24068 83329 70267 51884 88472 08287  
88546 04777 30637 58696 93882 74754 81294 41077 00000

**10198/8082/6833 kHz, 17-06/18-06, 0800/0810/0820 UTC**

11100 00000 32759 14042 00879  
84440 49398 66863 92197 07072 38309 83051 95671 58887 78511  
34124 23506 71273 60707 17414 56487 93740 35348 74705 26164  
72185 47712 86364 79265 39752 35967 80418 16840 81237 96914  
80007 25271 56955 49093 37660 41385 97018 47930 29812 18834  
01972 32641 10030 87916 10699 09543 44351 26066 21567 01490  
77198 81153 77714 18106 01296 14818 52452 26507 30025 58004  
95691 27195 95658 95890 27344 64820 21921 24403 88634 28496  
44284 45496 87263 21343 76473 93392 97347 03966 46589 08968  
00093 41544 51305 04464 76117 42085 00000

**10198/8082/6833 kHz, 24-06/25-06, 0800/0810/0820 UTC**

11100 00000 98137 20043 00899  
14075 81704 23595 49531 75538 81641 89802 30280 13271 67497  
41284 79843 27646 00979 60764 57827 21553 95827 88415 97392  
97293 21040 31689 23167 89896 86207 85789 22381 66550 57433  
06987 80170 46841 77245 05943 14960 23469 86954 53251 74904  
88148 74890 14364 81281 92365 98954 56104 29809 97694 56925

91951 85803 95340 02956 58277 34125 99620 33704 38729 69846  
45050 92520 78948 40579 41732 65150 58801 76398 68735 65367  
14327 68308 10146 33995 26567 81167 63488 99738 19492 12041  
75187 75271 34181 29886 82781 87017 71476 43087 00000

Link 10053

**20945/17515/15677 kHz, 02-06/03-06, 1530/1540/1550 UTC**

11166 10053 12378 31072 01689  
82702 23867 29562 54585 62526 71543 71357 28521 99242 00022  
31228 32671 38735 04084 51375 40445 11090 75613 53269 04390  
94255 19938 05758 68221 15339 32096 19825 82939 11996 87653  
60016 14191 92717 71220 31233 91810 15784 52873 75784 87384  
25868 46005 73054 73877 78171 04931 45285 65530 14270 82822  
63284 30129 04382 95124 22019 93230 06616 37461 14327 65817  
64830 97753 28821 34661 74582 29764 40272 36922 74109 96288  
25499 93846 22379 72511 08249 92883 54976 52416 61457 92527  
54788 37221 14194 09324 61268 25386 91949 25736 38333 65283  
47514 57042 74382 54082 85013 51300 36679 76834 42799 11142  
65525 67477 13162 58406 52656 01648 15949 06683 76283 56629  
67094 68936 22546 63805 01235 08780 08688 05396 10596 27850  
75464 78053 35471 29577 54669 54754 16471 54759 75300 80763  
98481 24116 81896 21905 21861 54426 04718 89127 78432 80020  
06040 58194 67327 94852 24790 36300 21903 12340 13551 55388  
12975 44795 16308 89360 37576 34220 78002 55941 28169 79248  
38549 22667 05245 70277 83121 75170 72166 00000

**20945/17515/15677 kHz, 09-06, 1530/1540/1550 UTC**

11166 10053 12354 09001 00049 00000 00000 00000 00000

**20945/17515/15677 kHz, 16-06, 1530/1540/1550 UTC**

11166 10053 13467 16001 00049 00000 00000 00000 00000

**20945/17515/15677 kHz, 23-06, 1530/1540/1550 UTC**

11166 10053 18930 23001 00049 00000 00000 00000 00000

**20945/17515/15677 kHz, 30-06, 1530/1540/1550 UTC**

11166 10053 78945 32001 00049 00000 00000 00000 00000

**20889/18051/16087 kHz, 04-06/05-06, 1650/1700/1710 UTC**

11166 10053 78963 03076 01669  
79416 14587 33424 47395 24607 82967 11522 22879 08529 42900  
14361 72504 00907 39470 70023 81652 17045 37330 57032 23231  
70545 52582 25515 38727 22331 66657 22143 16354 69129 92134  
07686 40790 50099 47277 08397 16907 67701 74587 85410 24750  
32540 63874 32297 59560 34390 85447 13925 14521 75055 51601  
08867 73899 75655 45985 44772 82120 12038 85858 96981 23867  
76690 58062 68302 01399 70044 76952 45244 80249 30507 09292  
14555 91784 94602 39501 80420 42678 32726 49764 53628 32495  
16671 45093 06835 72691 79188 07735 38365 72658 01341 43490  
11285 67893 26838 84949 72977 08533 60003 28406 30394 03478  
46654 38765 19321 42907 68503 36112 55602 96093 80968 03364  
10027 17931 77657 52257 13731 20816 54380 51801 59256 00824  
84928 28170 01644 11355 39407 74747 95717 75286 76605 61153  
04356 24179 09955 66136 67466 06709 36836 39646 41663 97598  
67857 32329 00173 70586 57535 06512 55312 18889 27965 91378  
26369 81317 93656 24588 70768 73685 55946 01375 73029 61541  
77776 48455 63907 78058 76164 00000 00000

**20889/18051/16087 kHz, 11-06, 1650/1700/1710 UTC**

11166 10053 18934 11001 00049 00000 00000 00000 00000



**20889/18051/16087 kHz, 18-06, 1650/1700/1710 UTC**  
11166 10053 23975 18001 00049 00000 00000 00000 00000

**20889/18051/16087 kHz, 25-06, 1650/1700/1710 UTC**  
11166 10053 84630 25001 00049 00000 00000 00000 00000

Link 10075

**16349/13385/10863 kHz, 05-06, 1300/1310/1320 UTC**  
11166 10075 18964 05001 00049 00000 00000 00000 00000

**16349/13385/10863 kHz, 12-06, 1300/1310/1320 UTC**  
11166 10075 75124 12001 00049 00000 00000 00000 00000

**16349/13385/10863 kHz, 19-06, 1300/1310/1320 UTC**  
11166 10075 96723 19001 00049 00000 00000 00000 00000

**16349/13385/10863 kHz, 26-06, 1300/1310/1320 UTC**  
11166 10075 18930 26001 00049 00000 00000 00000 00000

Link 30077

**18741/15615/14915 kHz, 12-06, 1400/1420/1420 UTC**  
11166 30077 12354 12001 00049 00000 00000 00000 00000

**18741/15615/14915 kHz, 19-06, 1400/1420/1420 UTC**  
11166 30077 75821 19001 00049 00000 00000 00000 00000

**18741/15615/14915 kHz, 26-06, 1400/1420/1420 UTC**  
11166 30077 14785 26008 00049 00000 00000 00000 00000

Link 30154

**20259/16331/14678 kHz, 04-06, 1230/1240/1250 UTC**  
11166 30154 13467 04001 00049 00000 00000 00000 00000

**20259/16331/14678 kHz, 11-06, 1230/1240/1250 UTC**  
11166 30154 18930 11001 00049 00000 00000 00000 00000

**20259/16331/14678 kHz, 18-06, 1230/1240/1250 UTC**  
11166 30154 75461 18001 00049 00000 00000 00000 00000

**20259/16331/14678 kHz, 25-06, 1230/1240/1250 UTC**  
11166 30154 69752 25001 00049 00000 00000 00000 00000

Link 40023

**19837/15629/13955 kHz, 12-06, 0915/0930/0945 UTC**  
11166 40023 48965 12002 00049 00000 00000 00000 00000

**19837/15629/13955 kHz, 26-06, 0915/0930/0945 UTC**  
11166 40023 14785 26002 00049 00000 00000 00000 00000

Link 60070

**14929/12133/10359 kHz, 04-06, 0030/0040/0050 UTC**  
11166 60070 78963 04001 00049 00000 00000 00000 00000

**14929/12133/10359 kHz, 11-06, 0030/0040/0050 UTC**  
11166 60070 75321 11001 00049 00000 00000 00000 00000

**14929/12133/10359 kHz, 16-06, 0030/0040/0050 UTC**  
11166 60070 61854 18055 00049 00000 00000 00000 00000

**14929/12133/10359 kHz, 25-06, 0030/0040/0050 UTC**  
11166 60070 14789 25001 00049 00000 00000 00000 00000

Link 60081

**19647/18039/15631 kHz, 12-06, 1300/1310/1320 UTC**  
11166 60081 12354 12001 00049 00000 00000 00000 00000

**19647/18039/15631 kHz, 19-06, 1300/1310/1320 UTC**  
11166 60081 85213 19001 00049 00000 00000 00000 00000

**19647/18039/15631 kHz, 26-06, 1300/1310/1320 UTC**  
11166 60081 14785 26007 00049 00000 00000 00000 00000

Link 70059

**12194/10943/8116 kHz, 03-06, 0400/0410/0420 UTC**  
11166 70059 18934 03001 00049 00000 00000 00000 00000

**12194/10943/8116 kHz, 17-06, 0400/0410/0420 UTC**  
11166 70059 84785 17035 00049 00000 00000 00000 00000

Link 70202 (Mon + Wed: F06a, Tue + Thu: two F06 messages, Fri: null message)

**11474/9234/7461 kHz, 03-06, 0700/0715/0730 UTC**  
**10762/8191/6782 kHz, 03-06, 1200/1215/1230 UTC**  
File 44463 (binary contents)

**11474/9234/7461 kHz, 04-06, 0700/0710/0720 UTC**  
**10762/8191/6782 kHz, 04-06, 1200/1210/1220 UTC**  
11166 70202 50481 03064 02239  
03203 06563 67517 84975 20289 84942 13515 32248 76959 39280  
87294 47429 63484 20995 21308 44609 84469 98900 63514 57997  
58003 73658 43367 40594 52777 82164 87504 11404 67893 15315  
02337 37120 85029 97589 65712 59214 47659 01894 94860 02383  
47004 98082 82785 25266 19418 58620 20304 99405 84879 69806  
45917 27347 81290 22002 90704 35850 74258 77301 10422 05128  
47055 38078 21991 20064 00443 64850 86579 54337 17044 16904  
06440 23392 69956 14096 27717 67196 80290 43299 66388 48726  
53318 57906 99545 79097 47929 43837 89191 05314 59066 50493  
30745 21531 17845 10087 43440 89809 39030 93782 44804 81267  
70569 78104 76414 73583 24856 20025 73100 65786 96430 64181  
92800 96268 95779 30669 49241 74955 53951 56827 14647 65575  
77646 91475 84645 78963 59496 65019 22579 63339 73191 83884  
25385 02495 08174 22691 78258 57827 23557 12634 90263 15163  
25980 49476 28093 22295 01069 69625 90158 28190 53201 67699  
88200 59786 33259 54043 28605 97332 59058 75619 10617 34194  
58139 48718 83630 32068 87609 76920 30758 07559 10724 52750  
70842 11019 34895 66456 96130 83628 40806 70368 87763 03632  
57337 72241 76295 57661 61975 56055 39417 98112 11392 53689  
54074 72478 31898 15909 45164 35602 24440 56112 98011 80771  
63835 65263 26789 50605 96940 21459 16091 13656 69420 42554  
77835 17675 35831 55304 90687 55476 32680 79433 14189 04336  
19170 64221 00000

11166 70202 35827 03065 01079  
96350 90357 38474 08283 22412 38328 68528 18819 22804 10799  
43089 51005 72346 60055 89582 46926 81239 11008 77065 49400  
26241 35793 82990 04559 07320 55818 97183 50463 34494 94683

80207 77700 74529 30428 18314 72873 12185 20515 42162 80957  
05702 98023 01497 47426 41217 62461 12968 26109 15788 13642  
23284 63710 03722 02075 54884 96914 85886 94288 26321 23043  
46705 76532 64528 30166 68509 45304 51184 97641 77943 58121  
70332 02992 24111 42986 49468 96061 93138 89984 11261 26415  
88860 73448 78118 34871 34306 78115 96763 45157 73664 27745  
75020 16581 79435 39596 47994 43689 94439 53235 15834 13826  
63378 07091 20266 58541 33636 65105 00000

**11474/9234/7461 kHz, 05-06, 0700/0715/0730 UTC**

**10762/8191/6782 kHz, 05-06, 1200/1215/1230 UTC**

File 44466 (binary contents)

**11474/9234/7461 kHz, 06-06, 0700/0710/0720 UTC**

11166 70202 23478 05067 02219  
54282 41736 49748 15305 54578 53442 10458 85130 11943 65740  
20714 87164 10571 74486 09184 86703 61670 34431 18145 12775  
73647 78886 45587 87435 92310 89500 37813 07504 03277 77061  
37206 02165 13784 59270 14872 14903 56074 46433 42818 83181  
79550 70991 85385 14318 23893 21848 14593 80980 90314 69403  
79103 84761 53156 92262 81487 61245 78991 41535 43478 25026  
45446 03670 63896 78094 76911 47762 98944 30052 39337 68278  
19548 03572 61290 59112 25438 23549 73483 79945 20656 13390  
83931 00816 80173 46855 30954 35855 62313 28921 81189 02116  
46662 04063 64820 64444 02148 15441 65185 52317 14993 63379  
04989 59590 31212 36619 96261 63097 93349 14748 46292 21033  
76139 65264 36696 37055 50785 83712 17819 01057 32535 50312  
85661 42520 91248 01537 33505 57422 29633 40069 95439 94602  
58854 31571 23966 12546 26187 61707 68876 42505 74409 51867  
49583 18925 37622 57004 38100 63069 03183 94050 94844 30824  
94434 74333 24475 60586 53933 38431 43922 82199 31838 16910  
79818 72849 09178 65375 37515 70880 10661 47281 08858 83456  
86721 62923 10933 49001 69498 48068 72944 40370 32423 90650  
13432 19677 08109 38961 75009 80718 44226 99791 08801 39935  
02061 49954 25782 61848 27427 09607 57196 29897 48635 50847  
91243 98634 81200 39992 78228 88202 43971 36981 21344 07032  
16374 00356 95299 13697 91462 71232 59958 53878 04449 67219  
00000

11166 70202 92631 05068 01099  
70157 09882 56555 65940 96795 14884 70199 25291 88947 51371  
24935 28727 96212 44665 08962 00223 28381 68301 87888 32451  
46932 95274 29681 55255 26159 97414 70329 07741 32361 35109  
31175 68661 94545 04535 23838 24802 65061 34598 03675 82026  
93617 50778 57716 48698 63119 48039 38005 46146 60751 40020  
76291 25870 82761 76682 41009 98174 96365 47598 22471 01910  
07223 13072 57233 70022 05915 30281 27548 70585 91863 66625  
96855 28008 98131 17471 67253 54111 65537 70472 69865 43751  
39519 83670 24065 14677 88204 69542 26489 96324 65091 02195  
55758 97214 64806 89897 03877 05653 45365 80126 70212 03426  
15374 89320 79026 97159 09607 74531 06465 68107 00000

**11474/9234/7461 kHz, 07-06, 0700/0710/0720 UTC**

11166 70202 79462 07055 00049 00000 00000 00000 00000

**11474/9234/7461 kHz, 10-06, 0700/0715/0730 UTC**

**10762/8191/6782 kHz, 10-06, 1200/1215/1230 UTC**

File 44469 (1126 bytes), empty text header, binary contents

**11474/9234/7461 kHz, 11-06, 0700/0710/0720 UTC**

11166 70202 68541 10070 02139  
77308 17967 89542 98230 67725 30449 70236 74663 22401 04970  
41427 87913 96927 27870 51694 40240 74353 48153 89876 69949  
91785 54260 87698 58295 43656 34143 38906 18903 97581 98334  
33342 61902 83769 70685 29401 49946 43881 76472 13302 88318  
50315 82550 18610 16316 31837 69246 04459 92068 66492 38679  
15889 88029 27745 89191 74765 39276 94768 10583 74690 11844  
62849 79831 78361 83257 14805 61990 40807 52466 39395 45950  
06941 21352 07633 69747 56864 15015 42937 15117 97369 33009  
46088 75964 23062 48730 60888 30457 95554 99125 91490 71413  
14167 31936 07329 74679 76558 02631 96571 10182 52753 38250  
54061 25346 20966 10322 14654 55563 38697 84047 67912 41397  
47505 35950 15082 57213 34919 57165 54290 80925 01911 84558  
04903 59542 09374 26872 06987 50199 02043 78065 56793 41368  
33292 35069 64233 83933 39253 62101 43242 86810 35678 68762  
71008 56815 36005 94093 76978 87443 14046 13764 47587 26279  
59738 12606 57649 75690 01412 89656 64348 06526 92984 87919  
24755 89474 89542 66007 22830 73799 59738 53875 16823 68117  
08440 59822 43033 02912 08073 20951 36842 79484 62089 14265  
56977 35009 49005 70606 23936 78389 20446 58609 08503 76605  
51618 30862 31303 96235 67681 49459 59329 29846 94420 33141  
10384 61920 06677 93200 01357 54039 72972 50348 01301 53978  
19760 70211 00000

11166 70202 30294 10071 01699  
06032 21588 14805 21097 93649 87184 60318 36227 06629 36290  
14680 91150 91646 87512 72064 37476 85436 92954 10159 24458  
13346 49738 41501 24429 60251 73337 73897 03641 68526 06162  
47112 74459 42748 59838 38009 89839 65827 14622 51345 66023  
56254 24365 38393 44398 21144 00497 10578 28459 84770 73447  
40328 56791 97277 54941 66321 98045 53248 49612 45304 78803  
74833 89377 17690 80306 39109 88992 79109 64960 54369 46243  
75105 18565 15021 35199 61164 19208 89792 65977 95260 68747  
22919 09438 55112 47841 53011 10268 97330 80437 79283 36874  
00651 18685 29832 41538 60433 84184 11657 29253 26619 26525  
47104 58695 02338 85052 26423 23764 45335 64784 31125 89117  
39432 62431 07829 78159 28180 03454 97283 36898 27925 76085  
48255 22123 62435 73273 70960 87338 86314 78462 09744 64884  
89365 56162 39675 67689 99095 33246 16768 59087 23560 81896  
36487 64142 01721 40162 80258 20908 53514 31038 54642 95073  
46812 66030 52876 06421 23466 44118 93470 40535 51621 82074  
15535 44215 96484 37063 35537 27998 26742 71167 00000

**11474/9234/7461 kHz, 12-06, 0700/0715/0730 UTC**

File 44472 (1254 bytes) empty text header, binary contents

**11474/9234/7461 kHz, 13-06, 0700/0710/0720 UTC**

11166 70202 13478 11073 01659  
65769 92305 43870 95349 42251 55343 94118 81554 46426 33673  
31552 90123 58682 54025 88721 53321 62877 23355 13765 53607  
55167 16756 28700 08857 38875 95539 38599 11982 91326 85185  
40075 67130 13606 67842 02534 89653 99147 69061 20602 62036  
82123 43459 61191 62962 51543 88998 53636 11726 42025 44559  
96319 95145 37155 50508 78255 69198 46385 76936 39039 52544  
41406 49268 15622 54130 62929 25909 49332 02069 33811 07647  
51599 65968 39470 83464 51790 89909 61524 42476 75626 78259  
75583 06661 27598 01494 49149 64077 75824 14240 00539 07273  
62785 02701 04791 06532 90374 03672 57477 72693 52710 62320  
32361 89202 15127 20927 93844 18081 62807 55766 50135 09516  
67471 04324 58070 69753 45576 50032 15551 66974 06455 56713  
02495 79845 13829 69910 56271 18439 09148 27314 92548 72198  
70173 45445 07482 64645 03262 74800 22188 19513 92765 40647  
55449 67984 56015 11637 35568 51747 77293 63454 87326 01520

19254 29663 54975 95765 35224 56944 47203 29264 30814 06930  
15008 46236 48293 73163 00000

11166 70202 82631 11074 01599  
51941 03169 19659 63950 20023 25549 64363 66247 99110 27637  
51311 99834 42839 32952 49831 45028 96124 57757 74611 17133  
19847 03191 90107 07258 88660 13122 43574 66194 04160 08667  
81386 04802 90540 35302 28359 09336 64986 83509 34734 95148  
99941 68902 20541 47212 19466 82750 71993 20897 96860 48864  
69638 01433 45754 47755 52924 45505 21824 94024 50881 53423  
77359 77905 33608 45278 35844 06915 64239 39552 78731 08524  
56094 57608 61636 79819 64690 02489 02091 95058 69299 85473  
06077 07082 23749 98827 25520 03509 81152 58175 63915 03655  
22238 62949 72299 07108 41998 48332 02732 29908 74309 27145  
11490 89251 59242 45119 29153 22681 82721 97975 39773 52676  
43250 83765 36310 32592 25360 88895 44532 34891 84496 31291  
32551 67586 73012 09117 48193 29856 61963 28504 51398 42746  
38392 08724 33807 15914 82787 88235 42764 36342 56409 80048  
51886 89965 53160 49842 45410 52141 95698 15278 08493 07905  
80474 89937 40657 87956 01387 20329 34572 74157 00000

**11474/9234/7461 kHz, 17-06, 0700/0715/0730 UTC**

File 44475 (2250 bytes) empty text header, binary contents

**11474/9234/7461 kHz, 18-06, 0700/0710/0720 UTC**

11166 70202 15698 17076 01759  
72696 86312 51276 21874 35522 90870 47209 72220 65566 57154  
81513 70955 59273 45688 23288 70974 93113 73753 08630 76167  
78601 34258 53708 00568 26798 61962 04666 11583 33208 01762  
97768 24494 19042 58701 28243 40417 89750 34424 51250 44900  
96787 79726 63424 09362 13529 17917 38408 62544 61296 18661  
14839 24174 46409 27005 60209 18015 94210 77260 59043 06509  
91006 46442 98829 14182 69851 26941 52143 32008 01115 23125  
78396 19917 73777 01553 93657 49634 78383 49488 81975 55046  
27589 21401 46637 82258 75251 78149 24818 56567 19984 48520  
14032 08495 04125 67817 83850 26108 44056 73198 71305 25785  
52804 60429 83419 58635 40860 31752 55307 94739 06168 89557  
37279 52420 49206 55545 09386 64716 74101 20055 46839 00247  
61722 51266 84755 80663 25675 18951 55650 61870 87153 12452  
98119 71199 29573 57603 60155 17734 18921 62255 45528 17955  
00777 45098 76670 03924 09924 27479 72503 06154 53493 92892  
64638 28386 53593 43838 00403 56449 60332 10719 06112 68381  
71200 92489 09037 38014 17737 33727 41501 49200 05410 67806  
75538 62873 17667 76173 00000

11166 70202 84705 17077 01899  
17475 11435 45141 17882 51092 31993 72286 85433 98276 66523  
95292 38869 90571 19104 41365 23266 73648 94533 91700 05622  
62549 43297 50063 36471 43515 39438 75908 34253 89575 27284  
61741 90870 82103 97950 59409 21885 55510 81575 85001 09763  
07273 66204 57050 13645 40483 79283 47720 44040 31102 92681  
51677 25908 37107 37182 02313 98556 91726 37395 90031 25787  
47937 03006 62260 14743 66424 37317 09902 66874 64182 49008  
69884 09478 65949 78058 98523 81236 25664 71765 95368 70201  
10121 71798 82222 27655 62031 98228 67030 06285 84656 41464  
47316 96117 15219 98034 32851 56643 79261 11163 92262 68562  
43160 02054 53240 53609 06961 02856 11058 35870 04744 27200  
25068 43047 04687 39294 07886 71102 26029 07480 36929 60717  
15116 53197 43013 59001 47707 31304 55677 64898 49754 02678  
09944 81721 53808 85036 44188 25250 33273 92926 43810 60833  
81665 02802 10390 67934 29094 04142 61027 55556 13123 22540  
87533 76979 46226 25705 30188 17257 47001 48308 45717 51898  
27352 96615 74213 00187 52805 18841 34659 21556 18165 52166

03751 28478 05685 82348 57720 14286 17949 76874 81820 19383  
02646 77576 77181 84258 11423 63664 19716 77187 00000

**11474/9234/7461 kHz, 19-06, 0700/0715/0730 UTC**

**10762/8191/6782 kHz, 19-06, 1200/1215/1230 UTC**

File 44478 (2740 bytes) empty text header, binary contents

**11474/9234/7461 kHz, 20-06, 0700/0710/0720 UTC**

11166 70202 62594 19079 02379

32360 56792 15841 37225 08477 79493 98800 93735 71757 60366  
29726 02166 87909 36042 07176 07338 16180 53404 93871 39338  
64396 13583 80386 50717 68724 39469 66513 42070 15315 52718  
89990 24431 46039 71151 57285 91926 15486 62510 56109 03114  
91418 15500 54366 94453 15883 14042 15205 74345 69133 25704  
82880 71171 03595 40215 19100 33771 40017 19021 94545 07813  
43035 41812 65256 36463 18304 60958 88569 58821 98405 99795  
58292 04543 09714 55697 63802 08088 37403 93864 02761 91043  
30788 42781 02130 85943 16184 27261 27170 00033 09475 00038  
83125 42406 45573 57821 39258 62974 66965 52764 29948 76668  
38525 35282 12517 71350 80781 89151 86490 22841 38837 44836  
03964 65523 29111 81968 25777 91944 31108 56936 03168 79859  
16390 16492 89612 70154 31948 83350 12521 44088 80144 24682  
59482 73287 62442 39464 58759 40927 79072 25614 58696 57549  
01862 12840 35745 19943 62380 72160 85792 86525 22621 38016  
78478 67673 20372 03918 79182 54422 06494 77566 68380 33992  
16278 06387 13050 65559 42069 09402 69811 14725 99349 76401  
24500 70110 03466 20327 97846 90518 99188 93812 71959 56100  
10292 05842 17298 21959 01338 99412 24819 97640 68856 76200  
72987 00935 04112 79116 84339 59429 94629 68715 51275 58259  
56688 54393 35794 57484 15952 66306 72825 27532 78438 78945  
31872 76143 59001 22313 16635 65262 59520 41636 07321 41301  
13996 91544 75305 27230 42707 75671 24852 49905 82659 67586  
41567 01108 86476 74029 52283 79235 00000

11166 70202 03294 19080 01319

82152 52963 74184 73664 50674 22347 81830 49825 92497 93499  
32444 00484 50439 89954 65932 11383 59243 90583 77406 36869  
59564 18261 54264 54037 12438 30973 25472 77909 18927 38801  
40246 23589 74637 95228 18316 26319 13771 36192 38955 55395  
22434 65334 60973 82862 25855 08877 90844 92926 79228 88563  
41177 43038 16851 86111 46698 12567 39252 97595 29943 00008  
42993 01217 33845 54672 22840 86884 63403 53774 00975 21058  
03620 60875 62956 45273 05897 26611 05099 31798 60073 17639  
22967 44864 94300 84745 95674 80884 69931 06059 45664 86134  
63619 66283 78668 75291 53811 57922 33535 99304 53820 15394  
96598 36013 58674 18011 60292 01955 97916 22735 30686 08806  
11547 12656 13641 12889 91306 72134 34255 31180 54472 24540  
69308 22260 42360 93521 97375 55643 60727 73756 96310 80129  
00000

**11474/9234/7461 kHz, 21-06, 0700/0710/0720 UTC**

11166 70202 54728 21001 00049 00000 00000 00000 00000

**11474/9234/7461 kHz, 24-06, 0700/0715/0730 UTC**

File 44481 (binary contents)

**10762/8191/6782 kHz, 24-06, 1200/1215/1230 UTC**

No Transmissions

**11474/9234/7461 kHz, 25-06, 0700/0710/0720 UTC**

No Transmissions

**10762/8191/6782 kHz, 25-06, 1200/1210/1220 UTC**

No Transmissions

**11474/9234/7461 kHz, 26-06, 0700/0715/0730 UTC**

No Transmissions

**10762/8191/6782 kHz, 26-06, 1200/1215/1230 UTC**

No Transmissions

**11474/9234/7461 kHz, 27-06, 0700/0710/0720 UTC**

No Transmissions

**10762/8191/6782 kHz, 27-06, 1200/1210/1220 UTC**      No Transmissions

**11474/9234/7461 kHz, 28-06, 0700/0715/0730 UTC**      No Transmissions

Link 80214

**16153/12109/10169 kHz, 06-06, 1330/1340/1350 UTC**  
11166 80214 89123 06024 00049 00000 00000 00000 00000

**16153/12109/10169 kHz, 13-06, 1330/1340/1350 UTC**  
11166 80214 79123 13025 00049 00000 00000 00000 00000

**16153/12109/10169 kHz, 20-06, 1330/1340/1350 UTC**  
11166 80214 90215 20077 00049 00000 00000 00000 00000

**16153/12109/10169 kHz, 27-06, 1330/1340/1350 UTC**  
11166 80214 84527 27028 00049 00000 00000 00000 00000

Pacific schedules

**17532 kHz, 03-06, 0100 UTC. 500Hz idle carrier**  
**16351 kHz, 03-06, 0110 UTC. 500Hz idle carrier then F06 modulation start at 0313z**  
**14428 kHz, 03-06, 0120 UTC**  
**17532 kHz, 04-06, 0100 UTC**

11100 09501 00000 03065 02619  
80820 80836 55162 31357 26769 59153 38345 48912 41027 54172  
88622 58925 97777 39222 59722 40445 19391 36779 92127 11403  
48028 95221 90592 84898 70854 33646 41982 27160 53549 28189  
40629 53089 61816 38291 13403 20353 75555 96341 61672 07934  
25407 09133 62346 90106 06345 44577 95191 41747 48006 02106  
88599 35941 46450 90207 01001 19800 87024 59525 80114 79452  
13039 64959 67212 30123 19921 55211 38594 92246 79554 13208  
01454 39562 24476 95845 86330 30110 46622 46476 03327 56081  
90319 78598 54286 73448 44195 54172 18116 97320 61702 04993  
51435 73961 64950 70583 71752 65398 11517 51016 15343 07573  
28940 98118 87024 27963 46572 93495 44010 33612 79488 86802  
81038 05507 44122 92711 08952 60242 10343 70011 43928 64910  
19631 31264 49536 16142 24067 56473 98816 19254 25801 09191  
48569 28429 21697 78503 43029 33868 82846 95334 89133 06850  
23631 96500 70551 38643 40016 34960 92671 34201 21784 59688  
75739 46579 68366 13623 38321 63012 62985 23107 38286 78591  
84783 77281 63504 18475 63624 20853 89426 94569 07261 08673  
45760 07624 55551 95578 59401 30674 41418 59921 65833 34765  
63225 84224 06166 42901 98277 41410 52007 23155 12113 60021  
25354 56877 43286 66897 05693 42933 68333 30722 41488 23921  
76589 54885 08263 45297 09565 93104 80437 83345 44555 86234  
09138 02938 27183 43706 23133 31012 82545 18032 95122 56714  
59668 45818 40525 94135 88942 53710 40991 68586 57247 52728  
09797 12341 30421 69410 41326 80793 77796 87212 11823 24965  
78468 96603 23598 81284 13987 77280 09882 64611 77164 60958  
42508 75396 51685 48160 09618 56958 42200 77452 55570  
03259 00000 (2024-06-03)  
65259 00000 (2024-06-04)

Note how on June 3rd, the serial-GC postamble wrongly indicated the day of month (03) instead of the correct message serial (#65), which was fixed the next day when the message repeated. (PY)

**17532 kHz, 07-06, 0100 UTC**  
11100 09501 09501 07066 00049 00000 00000 00000 00000

**17532/16351 kHz, 10-06, 0100/0110 UTC / 14428 kHz, 10-06, 0120 UTC**

11100 09501 00000 10067 01739  
52218 54343 27781 57277 82644 55580 59072 37240 89723 76031  
30261 56092 89840 62442 74161 48391 83203 27937 91819 71495  
92215 37635 49334 33408 19478 92406 65397 74249 73857 52970  
00500 56013 38059 71494 83728 40325 76138 22922 38105 58866  
04395 53174 90391 06170 74077 86453 76311 09462 39355 58800  
77115 55238 08961 70112 48430 77277 04983 71815 27336 35757  
77206 32356 28597 42175 46477 47718 65997 09758 75483 89147  
59703 34045 90441 05268 15609 33341 02078 20784 87578 03708  
99375 98948 58550 68206 14511 59988 01415 25060 82414 72677  
05624 24425 43405 61240 80451 28475 62321 94769 70861 34460  
62601 51365 46902 65450 98732 74146 52579 58441 15529 61369  
25136 04507 67648 57795 20680 20692 97817 39526 07103 58334  
97171 09483 10210 77495 96169 45712 24021 42195 59507 69717  
21163 16128 83475 26993 24300 63567 19197 96954 24534 85121  
70178 74455 57722 43046 37616 90063 74627 55795 11896 61302  
65873 66493 33715 92034 27607 15026 73282 62178 78824 68430  
01010 74941 66302 89271 48152 53763 18054 46694 80825 06152  
31266 67171 00000

27 blocks, 2 msgs, starting at blocks #1 and #26

The second message is composed solely of block #26  
whose raw binary payload is  
0x00000000000000000000000000000000 which does not  
constitute a valid F06 or F06a message, it's just like empty.  
(PY)

**17532 kHz, 11-06. 0100 UTC**

11100 09501 00000 10066 01669  
16372 21202 18492 22811 19631 34166 55638 14994 36907 22948  
14567 99871 88165 92028 16001 47649 32332 50467 52379 31231  
62503 81691 05566 58552 86409 39566 95923 61669 90568 62904  
23660 47260 11571 25643 88402 38245 62922 64829 97933 61210  
90907 53647 02024 59314 57873 11631 12296 35373 76413 69292  
94064 54808 42848 29311 41089 63145 43477 91514 69168 97753  
32009 33794 89523 98503 01627 66185 47905 47049 00119 00264  
40354 89399 61514 01073 41570 21487 52659 13749 06809 42408  
58168 82049 33247 05026 52199 00959 91770 18627 30477 70558  
65102 83314 01011 43369 53209 60826 56937 82319 31948 11468  
79935 71560 75856 51846 47642 47292 81045 13088 43505 40800  
49136 04241 92524 50886 18155 10535 71303 87880 51348 81186  
65852 56423 19844 86456 75588 69205 40094 48620 86963 08848  
52044 76557 65155 80123 48959 58643 37266 19687 94850 93623  
65458 55518 90438 64170 33476 33260 73581 82796 94974 51638  
65122 64824 57110 74145 96078 08094 97819 09191 77119 84088  
40228 75885 96265 70185 66164 00000

11100 09501 00000 10067 01739  
52218 54343 27781 57277 82644 55580 59072 37240 89723 76031  
30261 56092 89840 62442 74161 48391 83203 27937 91819 71495  
92215 37635 49334 33408 19478 92406 65397 74249 73857 52970  
00500 56013 38059 71494 83728 40325 76138 22922 38105 58866  
04395 53174 90391 06170 74077 86453 76311 09462 39355 58800  
77115 55238 08961 70112 48430 77277 04983 71815 27336 35757  
77206 32356 28597 42175 46477 47718 65997 09758 75483 89147  
59703 34045 90441 05268 15609 33341 02078 20784 87578 03708  
99375 98948 58550 68206 14511 59988 01415 25060 82414 72677  
05624 24425 43405 61240 80451 28475 62321 94769 70861 34460  
62601 51365 46902 65450 98732 74146 52579 58441 15529 61369  
25136 04507 67648 57795 20680 20692 97817 39526 07103 58334  
97171 09483 10210 77495 96169 45712 24021 42195 59507 69717  
21163 16128 83475 26993 24300 63567 19197 96954 24534 85121  
70178 74455 57722 43046 37616 90063 74627 55795 11896 61302  
65873 66493 33715 92034 27607 15026 73282 62178 78824 68430  
01010 74941 66302 89271 48152 53763 18054 46694 80825 06152  
31266 67171 00000

The second message here, #67, is a repeat of the one sent in the previous day's half empty transmission. (PY)



12 June: no transmissions

17532 kHz, 13-10, 0100 UTC. 500Hz idle carrier

16351/14428 kHz, 13-06, 0115/0130 UTC. F06 5 blocks, 1 msg starting at block #1

Damaged waveform, almost undecodable, I only got correct copies of blocks #1 and #4.

Block #1: 0x1bdb8ed86400082230121143cff465a7

Block #4: 0xd620049c0a3580000000000000000000

However only the beginning of block #1 properly decodes to digits: the ending contains some data that's invalid according to the usual digits encoding. This is not F06a either. Here's what I got, but it's not sure how much of this is even valid:

```
11144 09501 00000 13014 00180
69060 ____10 1_7____
____8 56512 29501
02140 00000 00000 00000 00000 00
```

We seem to have at last part of a correct header; the very rare use of the 44 priority code really stands out though.(PY)

**F06a: 17532/16351/14428 kHz, 14-06, 0100/0115/0130 UTC**

File VZFD14 (2048 bytes) 44444 09501 00000 13014 00009

Here we have a text header at the beginning of the binary file which indicates message serial number #14: it would seem that the "14" part in the "VZFD14" filename is actually the message number. And probably, all files on this network named V\_ZFD\_~1 actually contain the message number in their full form, except that it doesn't appear in F06a because that full filename gets shortened to this old 8-character compatibility format.

Also note how similar the text header is to that one in the weird, broken transmission of the previous day, which is... interesting. (PY)

**17532 kHz, 17-06/18-06, 0100 UTC**

```
11100 09501 00000 17068 03229
31755 60473 27771 14569 83903 51386 38177 70690 09484 26704
64634 16294 23903 29939 32110 88198 46201 05977 88439 17649
67919 64150 13476 44803 69324 78143 12321 53646 37694 96133
59828 63239 67333 59638 88556 36259 46017 54482 37376 90760
57550 42337 02901 26097 55122 46261 60943 98941 85157 88680
50173 10340 66335 05253 35176 89736 53475 83039 91090 86914
40975 96444 77012 07780 85482 39331 90358 54928 52498 76775
19381 58942 16590 64886 36002 11343 69902 12125 96174 35138
18666 80569 39953 53910 72369 50556 08452 45374 55308 97140
19890 90346 95168 51808 71902 53060 68367 47879 62316 53767
06801 73040 45557 19562 95720 77445 66903 24364 17401 10819
41749 54002 20297 86999 72075 57331 18382 99365 17323 69321
50346 35571 61839 17054 53339 65045 46099 44577 30966 97672
53879 17530 20192 37111 72581 93502 86874 77169 68885 69052
04588 14694 46920 39310 96435 77394 81145 31139 44547 90046
41123 95744 96926 27518 50376 71712 26363 28037 46513 54387
21069 65164 34811 32531 11752 01886 52443 78215 64795 75276
85538 00866 96245 85163 06258 01403 86278 85236 22083 87428
98848 00031 54497 35374 36201 16231 89245 10561 82929 21729
65368 81112 19279 90868 95187 86650 08371 39326 32446 47711
87038 97047 30766 26822 14971 72704 59640 77180 61835 08073
70120 39862 37087 45807 27406 75503 92130 59022 52510 41397
49539 16128 40201 49934 39013 79364 45397 69327 44755 60453
55202 52562 93973 81826 88784 05505 41169 16855 92261 30109
27928 07513 20802 03660 22872 82931 25118 79986 71490 27265
84540 23586 10508 70304 53862 12600 26497 99290 16140 71567
63421 15354 58641 19906 08781 83018 14123 47056 13063 46215
34627 50214 22190 09226 89984 95606 27627 06021 08219 89240
63868 06399 00023 68052 07960 32390 34511 47417 60773 83350
58429 85934 14700 93175 76002 53441 37454 68092 31623 13184
26684 78449 62553 54085 15068 02949 13837 34051 30589 48753
```

32603 20247 41663 95920 83953 37283 41835 39580 55624 59255  
68320 00000

**F06a: 17532 kHz, 19-06, 0100 UTC**

File VZFD15 (2765 bytes) 44400 09501 00000 18015 00003

**F06a: 17532/16351/14428 kHz, 20-06, 0100/0115/0130 UTC**

File VZFD15 (2765 bytes) 44400 09501 00000 18015 00003

Note the last digit 3 in the last group of the header, which should normally be 9: a value of 3 is normally used for telegrams that originate from embassies. I'm not sure what meaning it could have here, probably just an error. Also, the file size doesn't seem like an arbitrarily rounded value in kB anymore. (PY)

**16351/14428 kHz, 21-06, 0110/0120 UTC**

11166 09501 00000 21126 00049 00000 00000 00000 00000

Note the unusual 66 priority code in the header: all F06 transmissions on this network now normally use the lowest priority 00. (PY)

**14428 kHz, 24-06, 0120 UTC**

11100 09501 00000 24069 02109

87498 83118 82627 31983 86549 67128 77597 37210 43386 98843  
44053 59948 64756 20964 15288 40666 98011 70224 49852 21511  
75828 94746 87067 67609 41494 74226 16692 59179 28198 10136  
98694 34123 90765 78130 94056 85803 13265 59864 92550 45674  
40939 96365 48427 05473 09885 30203 59949 58640 72924 28596  
53714 65671 45112 04672 59693 73081 17296 79058 87936 40667  
11194 48995 42873 56763 74407 57147 36149 46167 38811 77319  
83929 00433 90763 59248 99623 85212 26570 99668 17949 04339  
91634 31830 11281 25329 26745 50662 84227 96007 69923 15774  
57364 06924 87273 99466 76067 79264 31282 71961 05378 82934  
49991 41014 96839 14510 95483 88114 38257 89729 05132 68460  
22282 30239 54031 66877 94805 49251 02064 26895 69056 65819  
84032 95149 16371 02420 16288 48305 69554 45511 18313 94681  
99777 73780 72672 67782 52950 83743 71786 53899 56501 67400  
24952 20988 32507 21632 24067 41000 78104 94016 91465 22860  
99129 94761 58341 98279 07913 29438 47151 27578 21172 32202  
56483 17726 18945 04190 71785 69770 50489 86782 50421 97849  
98094 24414 54477 86976 34743 96620 29757 81773 36556 24019  
54411 23360 35958 77889 05631 76566 26508 48073 17839 14667  
55323 48843 30838 53827 64041 67460 51319 54436 64250 85091  
76201 31527 58337 24773 51213 41463 41675 06122 69208 00000

11100 09501 00000 24070 01999

52166 62672 51649 09158 36791 85316 54164 26695 41782 59173  
79978 98482 14588 94026 15687 20849 28635 90867 10553 36662  
56048 74258 82087 81998 94766 96672 81506 32138 92250 25745  
73717 20301 32943 50372 11569 27589 81699 66587 09005 67546  
00362 29176 42843 13792 79656 79930 37854 44155 53619 88521  
14823 99746 88726 66892 06294 82419 64917 43131 69671 39036  
90699 05750 52376 05996 19527 54314 88739 12449 59629 17360  
33323 65644 94494 23523 60346 66841 56173 36845 83925 31224  
18609 92158 78794 10260 03177 91521 06196 39935 13608 47621  
74650 63306 42510 85079 90260 00808 16642 35621 76263 66751  
73156 88010 66509 55449 83982 78727 02543 45409 70541 34290  
88997 95031 75984 01180 86975 28248 87127 24305 50093 33537  
23297 59933 32906 24759 34242 34035 26372 37246 74325 81973  
00057 57576 45168 30482 55769 10486 23940 07863 22301 51341  
19479 93347 45977 37617 23438 41550 56687 77819 48625 42965  
14096 81278 71754 06425 63713 57270 22767 74480 57524 36879  
87925 07619 18847 16063 18866 98276 56119 43338 64794 00565  
55303 00541 70014 86660 05586 50081 03975 65797 38066 47145  
16026 26786 82126 40278 32066 90011 69159 08777 35272 79838  
38345 10340 98104 53365 24175 37412 57762 70197 00000

**F06a: 17532 kHz, 26-06/27-06, 0100 UTC**

File VZFD16 (1126 bytes) 44400 09501 00000 26016 00009

Again, the file size isn't an arbitrarily rounded value in kB anymore. (PY)

**17532 kHz, 28-06, 0100 UTC**

11100 09501 00000 28999 00049 00000 00000 00000 00000

**F06a****12210/11122/10243 kHz, 01-06, 0600/0615/0630 UTC**

File 40430 (binary contents)

**16177/14848/13376 kHz, 28-06, 1900/1915/1930 UTC**

File 44031 (binary contents)

**12214/11153/10332 kHz, 29-06, 0600/0615/0630 UTC**

File 44031 (binary contents)

**14432/12209/10271 kHz, 25-06, 0700/715/0730 UTC**

File 44453 (1126 bytes, empty text header, binary contents)

**14432/12209/10271 kHz, 27-06, 0700/715/0730 UTC**

File 44456 (2435 bytes, empty text header, binary contents)

**5867/6781/8051 kHz, 06-06/07-06, 0400/0415/0430 UTC**

File 04436 (binary contents)

**5867/6781/8051 kHz, 14-06/15-06, 0400/0415/0430 UTC**

File 04437 (989 bytes) binary contents

**5867/6781/8051 kHz, 20-06/21-06, 0400/0415/0430 UTC**

File 04438 (989 bytes)

**5867/6781/8051 kHz, 27-06/28-06, 0400/0415/0430 UTC**

File 04439 (binary contents)

**X06**

8250 kHz, 19-06, 1108 UTC, MFSK-6

166611 (R10s)

10250 kHz, 19-06, 1109 UTC, MFSK-6

166611 (R5s)

10250 kHz, 19-06, 1110 UTC, MFSK-6

166611 (R20m)

8250 kHz, 19-06, 1133 UTC, MFSK-6

166611 (R50m)

8150 kHz, 19-06, 1810 UTC, CW

Tones (R3m10s)

8300 kHz, 19-06, 1814 UTC, CW

Tones (R45s)

8300 kHz, 19-06, 1815 UTC, CW

Tones (R53s)

**F02 – Russian domestic net**

6971 kHz, 20-06, 1102 UTC

6987 kHz, 20-06, 1102 UTC Presumably two-way link

**F07**

16336 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06 2000 UTC

15866 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06 2010 UTC

14918 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06 2020 UTC

14483 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06 2030 UTC

13901 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06 2040 UTC

13389 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06 2050 UTC

**Test transmissions**

The following transmissions were probably just test cycles; otherwise it would be rather surprising considering their very narrow 1.3 MHz frequency set spread during the summer. (PY)

8148/8094/7534/7361/6944/6876 kHz, 19-06/20-06, 0800/0810/0820/0830/0840/0850 UTC. 4 blocks message

8148/8094/7534/7361/6944/6876 kHz, 19-06/20-06, 1200/1210/1220/1230/1240/1250 UTC. 5 blocks message

8150 kHz, 19-06, 1734 UTC. Cut off after block #14

## HM01 - Dirección General de Inteligencia

### 10860 kHz, 01-06, 0500 UTC

Groups 21432 60824 21742 20146 34712 02738  
Files 36142143.F1G 22887082.TXT 15472174.TXT 78342014.TXT 67043471.TXT 53160273.TXT  
Callsign QWERTY01

### 10345 kHz, 02-06, 0555 UTC

Groups 21433 60825 21743 20147 34713 02581  
Files 36142143.F1G 22887082.TXT 15472174.TXT 78342014.TXT 67043471.TXT 06680258.TXT  
Callsign QWERTY01

### 3/5 June:

Groups 21434 60826 21744 20148 34714 02581  
Files 36142143.F1G 22887082.TXT 15472174.TXT 78342014.TXT 67043471.TXT 06680258.TXT  
Callsign QWERTY01

### 11635 kHz, 03-06, 2107 UTC. Radio Habana Cuba audio leak

### 6 & 7 June: active but not monitored

### 8/16 June:

Groups 21434 60827 21644 20148 34614 02581  
Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT  
Callsign QWERTY01

### 11635 kHz, 08-06, 2055 UTC. Radio Habana Cuba then HM01

### 11635 kHz, 13-06, 2058 UTC. USB device connected system sound then HM01

### 11635 kHz, 16-06, 2046 UTC. Radio Habana Cuba audio leak

### 17/20 June: not monitored

### 11635 kHz, 21-06, 0755 UTC

Groups 64402 36224 56162 73134 70101 02587  
Files 12126440.TXT 22773622.TXT 05585616.TXT 86537313.TXT 67067010.TXT 06680258.TXT  
Callsign QWERTY01

### 11635 kHz, 21-06, 2046 UTC. Active but not monitored

### 10345 kHz, 22-06, 0630 UTC

### 11635/10715 kHz, 22-06, 2056-2153 UTC

Groups 64403 36225 56163 73135 70101 86781  
Files 12126440.TXT 22773622.TXT 05585616.TXT 86537313.TXT 67067010.TXT 52258678.TXT  
Callsign QWERTY01

### 10345 kHz, 23-06, 0605 UTC

Groups 64404 36226 56164 73136 70102 86781  
Files 12126440.TXT 22773622.TXT 05585616.TXT 86537313.TXT 67067010.TXT 52258678.TXT  
Callsign QWERTY01

### 10345 kHz, 24-06, 0640 UTC

### 11635 kHz, 24-06, 2103 UTC

Groups 64407 03581 56167 73139 70105 86784  
Files 12126440.TXT 31140358.TXT 05585616.TXT 86537313.TXT 67067010.TXT 52258678.TXT  
Callsign QWERTY01

### 10860 kHz, 25-06, 0506 UTC

Groups 81131 03582 56168 76511 70106 86785  
Files 50278113.F1C 31140358.TXT 05585616.TXT 07437651.TXT 67067010.TXT 52258678.TXT  
Callsign QWERTY01

**10860 kHz, 26-06, 0456 UTC**

Groups 81131 03581 56169 76511 70107 86786  
 Files 50278113.F1C 31140358.TXT 05585616.TXT 07437651.TXT 67067010.TXT 52258678.TXT  
 Callsign QWERTY01

**10860 kHz, 27-06, 0500 UTC**

Groups 81132 03583 31571 76512 70108 86787  
 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 67067010.TXT 52258678.TXT  
 Callsign QWERTY01

**11635 kHz, 28-06, 0940 UTC**

Groups 81133 03584 31571 76513 73751 86788  
 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 65857375.TXT 52258678.TXT  
 Callsign QWERTY01

**10860 kHz, 29-06, 0550 UTC**

Groups 81134 03585 31572 76514 73751 86789  
 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 65857375.TXT 52258678.TXT  
 Callsign QWERTY01

**10345 kHz, 30-06, 0615 UTC**

Groups 81135 03586 31573 76515 73752 22161  
 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 65857375.TXT 80562216.TXT  
 Callsign QWERTY01

**P07**

9224 kHz, 03-06/05-06/09-06/12-06/16-06/19-06/23-06/26-06/30-06 1400 UTC  
 8124 kHz, 03-06/05-06/09-06/12-06/16-06/19-06/23-06/26-06/30-06 1410 UTC  
 7589 kHz, 03-06/05-06/09-06/12-06/16-06/19-06/23-06/26-06/30-06 1420 UTC  
 6854 kHz, 03-06/05-06/09-06/12-06/16-06/19-06/23-06/26-06/30-06 1430 UTC  
 5829 kHz, 03-06/05-06/09-06/12-06/16-06/19-06/23-06/26-06/30-06 1440 UTC  
 5284 kHz, 03-06/05-06/09-06/12-06/16-06/19-06/23-06/26-06/30-06 1450 UTC

**Test transmissions**

8150 kHz, 19-06, 1722 UTC. P07 variant, no callup, no BPSK bursts, 2 blocks  
 8150 kHz, 19-06, 1725 UTC. P07 variant, no callup, no BPSK bursts, 2 blocks, cut off during block #2  
 8150 kHz, 19-06, 1726 UTC. P07 variant, no callup, no BPSK bursts, 3 blocks  
 8150 kHz, 19-06, 1727 UTC. P07 variant, no callup, no BPSK bursts, 3 blocks  
 8150 kHz, 19-06, 1731 UTC. P07 variant, 1000Hz test tone then P07 3 blocks

**Q26 - Chinese military****14823.5 kHz, 23-06, 0255 UTC, 4+4 QPSK 75/3000 LSB**

SFEP=1053=172  
 QSL? QSL? QSL R KQORRY RTRI OEYR  
 5681 6513 9791 1235 9119 8237 6435 5760 0301 9742  
 9634 7573 4176 1846 9852 0296 1054 4551 8027 9372  
 7072 5941 0891 4175 4024 3845 4085 4639 5829 2903-1  
 3185 1674 0817 2684 6482 3512 1498 3168 0000 0000  
 1291 2542 4109 4921 7395 4556 9647 8568 1821 6294  
 4053 4637 4271 6387 3137 4913 0867 8678 6100 8134  
 0701 6407 8906 6439 7617 8714 9332 2134 6365 6489  
 1527 3245 5839 1380 0909 1696 6063 9566 6778 9227  
 8353 5883 4908 5475 4013 7972 3762!8042 0124 6271  
 3595 8164 8481 0619 6292 5281 2462 4213 0989 7201  
 7551 5573 8052 9181 6364 9235 3934 9041 8783 4967  
 6334 6703 7122 9117 8771 3150 9546 8357 4682 3638  
 1267 0452  
 SFEP=1053=172

QSL? QSL? QSL? QSL? NR 319 X  
OEYR  
5681 6513 9791 1235 9119 8237 6435 5760 0301 9742  
9634 7573 4176 1846 9852 0296 1054 4551 8027 9372  
7072 5941 0891 4175 4024 3845 4085 4639 5829 2903-1  
3185 1674 0817 2684 6482 3512 1498 3168 0000 0000  
1291 2542 4109 4921 7395 4556 9647 8568 1821 6294  
4053 4637 4271 6387 3137 4913 0867 8678 6100 8134  
0701 6407 8906 6439 7617 8714 9332 2134 6365 6489  
1527 3245 5839 1380 0909 1696 6063 9566 6778 9227  
8353 5883 4908 5475 4013 7972 3762!8042 0124 6271  
3595 8164 8481 0619 6292 5281 2462 4213 0989 7201  
7551 5573 8052 9181 6364 9235 3934 9041 8783 4967  
6334 6703 7122 9117 8771 3150 9546 8357 4682 3638  
1267 0452  
SFEP=1053=172  
QSL? QSL? QSL? QSL? NR 319 X  
TRI OEYR

**14823.5 kHz, 23-06, 0257 UTC, 4+4 QPSK 75/3000 LSB**

AQYD  
TO 75W  
5681 6513 9791 1235 9119 X  
AA  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
XYXYXYXYXY HR RPT 1P 71W TO 75W  
5681 6513 9791 1235 9119 X  
ALAJ  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
XYXYXYXYXY HR RPT 1P 71W TO 75W  
5681 6513 9791 1235 9119 X

**14823.5 kHz, 23-06, 0303 UTC, 4+4 QPSK 75/3000 LSB**

AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
XYXYXYXYXYXY BOZ NIL SK X  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6  
XYXYXYXYXYXY BOZ NIL SK X

**8461 kHz, 26-06, 1415 UTC. 4+4 QPSK 75/1000 LSB**

UIG DJCTIG  
VG8N VG8N VG8N DE H78G H  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
XYXYXYXYXYXY HR CCK /  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
XYXYXYXYXYXY HR CCK /  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
XYXYXYXYXYXY HR CCK /  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G

XYXYXYXYXYXY HR CCK /  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
VG8N VG8N VG8N DE H78G H78G H78G  
XYXYXYXYXYXY HR CCK /

XPA1

13545/12145/11145 kHz, 05-06/07-06/12-06/14-06, 1210/1230/1250 UTC

511 511 511 1 511 511 511 1 511 511 511 1  
03431 00183 69678 07102 14728 84383 64072 15199 61398 34229  
10586 76414 82049 32146 96085 30612 87461 49573 35705 47369  
37058 43517 78893 29243 16845 40042 30591 37706 46886 24948  
59201 48848 81041 04984 74935 07874 73061 45315 76878 19084  
65291 33476 77075 58396 24778 05203 76972 54953 34460 60537  
08063 96855 50289 34509 91171 19257 50789 75924 27886 00480  
21207 97388 05283 65651 93389 23839 58854 25675 36922 82541  
95548 02391 78886 67461 18209 29778 82816 06053 29076 23528  
00012 31226 26815 60629 67965 13644 19011 71990 95704 73641  
20110 92653 80294 61109 92021 82490 36864 04404 41776 23541  
49835 23921 09787 32190 61758 22236 39180 64719 27705 32305  
21969 75717 95168 32239 05864 92234 10279 85822 38532 88151  
21898 73440 84479 43455 00175 05491 63084 10247 17982 39194  
37605 75500 23113 46796 19882 09694 30809 34629 65551 07816  
21444 21342 28351 34356 28942 67872 52608 71833 54342 35865  
89646 99448 06865 50049 85885 53275 14038 10493 46922 05629  
85215 72486 97320 77846 36138 94272 16976 01662 63473 64280  
96809 57320 36713 11007 99010 86572 81844 53322 67776 66711  
65142 83985 56831 40035 63921 44035

13545/12145/11145 kHz, 19-06/21-06/26-06/28-06, 1210/1230/1250 UTC

511 511 511 1 511 511 511 1 511 511 511 1  
00189 00177 73889 44602 03695 59135 51102 83857 09275 50573  
62259 92650 23944 75194 55373 39992 62901 07025 97492 97039  
88234 24881 35876 54831 07639 82003 49160 92611 02800 28196  
63337 33655 77179 08091 01462 15479 85002 64241 28640 49631  
94412 81421 93844 87160 61184 46836 30150 36919 75360 58121  
06804 46891 95573 06346 04709 63310 28483 96612 56672 01618  
87902 31219 63784 62725 64259 91517 31096 54867 50111 08915  
02185 54920 56179 11011 56583 14755 43658 39428 37577 76790  
73870 41750 47968 25358 36372 97713 66288 99837 63211 88532  
89790 92813 85540 73318 49887 27629 00974 02689 76003 12964  
45347 65735 89067 78283 72546 85813 06791 70648 28365 41064  
25886 67912 92378 76908 56141 28822 74606 48604 24405 08702  
76084 59778 05541 29344 23716 48543 06735 16084 85333 08923  
53526 40778 13688 29039 57667 74949 05005 21979 47253 79325  
69788 60776 61246 98034 11231 33618 08136 36045 11823 06422  
52483 59647 96111 38286 91778 85127 25794 65351 24406 27807  
22024 08078 06591 86415 91530 62141 32204 96621 01670 59110  
01201 44543 15312 26741 14286 42443 04371 73532 51751 45046

Test transmissions

8150 kHz, 19-06, 1631 UTC    Cut off at 59s during callup  
8150 kHz, 19-06, 1635 UTC    Cut off at 1m14s during callup  
8150 kHz, 19-06, 1638 UTC  
577 577 577 1  
02149 00036 99748 37114 42351 58454 27399 Off

13527/12227/11427 kHz, 0910/0930/0950 UTC

**13527/12227/11427 kHz, 01-06, 0910/0930/0950 UTC**

06955 00078 16925 41873 02561 35896 71662 11140 75079 64994  
43122 83089 23424 33785 10622 05888 01807 83974 59891 82696  
39424 99859 79174 64123 27821 86713 06922 19221 09252 95497  
93089 31353 26072 81872 20061 37785 83767 59030 14427 39243  
43274 83495 77037 52695 90064 23786 16082 73456 50760 80859  
60559 21560 73657 27722 79425 54027 88788 31598 35290 64845  
46233 73595 49411 64215 34157 90785 07171 60576 11288 14582  
02787 59334 38390 21441 89699 20372 47044 69939 95691 44980  
00567

**13527/12227/11427 kHz, 06-06/08-06, 0910/0930/0950 UTC**

09792 00198 78296 33106 85438 86095 60191 83654 17446 96732  
87894 11240 06731 43655 19339 57707 03760 64327 16211 87162  
03558 85449 77419 59795 44930 41656 50872 43490 32001 37138  
36605 09983 83208 67656 94235 32434 39577 89610 15566 08490  
32510 85058 66146 35241 16548 66491 33735 71552 13721 19651  
11124 43093 05071 71736 21227 20270 09555 01187 96431 86092  
89480 38688 66807 37764 68410 10802 84983 09550 05726 58179  
21343 66918 30331 88117 93804 63471 72272 53997 80948 20356  
05661 97404 53875 05667 33770 25221 38730 70150 35936 75813  
06672 54096 73665 54041 71133 90987 27940 44680 78552 48100  
89050 80417 01528 73156 22233 55851 41613 53753 90733 17032  
78494 01155 69035 36531 71333 03575 37655 76871 72195 91042  
34988 29744 97544 99234 63980 96401 01669 88151 53705 94001  
05618 20919 85439 92155 86268 46765 03325 94014 28523 44430  
00039 65593 93313 61982 88704 85685 67429 53357 68016 58328  
66740 85959 00532 64580 77378 91859 69473 83486 50674 72864  
20242 63106 26452 34738 37558 04419 51139 72537 16220 70386  
60569 81884 78963 21168 50979 88570 58879 99908 06539 22176  
75150 84582 33608 87929 54575 58016 26341 63885 54911 65901  
50061 16472 75653 77678 18755 67280 27736 75907 45598 98365  
71756

**13527/12227/11427 kHz, 13-06, 0910/0930/0950 UTC**

07678 00001 00000 40266

**13527/12227/11427 kHz, 15-06, 0910/0930/0950 UTC**

06800 00001 00000 35256

**13527/12227/11427 kHz, 20-06/22-06/27-06/29-06, 0910/0930/0950 UTC**

08293 00176 21265 65235 27305 82135 33747 90306 81228 55994  
17197 52978 05767 49232 27626 21583 51767 75192 54289 55333  
60199 21360 96097 54051 83928 32341 55457 24209 76674 38014  
85991 39025 70576 93320 56719 08693 42054 07743 47313 83834  
61670 64921 21599 22359 48417 99923 72406 25911 85735 56629  
44006 90877 56086 16693 99258 84340 03655 03442 00116 43331  
46826 81806 11747 88377 71391 68583 20624 82798 44411 42834  
20199 10212 75376 05935 17876 64514 47307 31676 48349 36143  
02433 82170 56880 82996 72710 64499 11446 44881 91905 21221  
06749 60294 37994 52554 94399 25296 18399 77977 52551 43789  
28829 22028 44013 79419 96690 68331 73935 82948 72500 70533  
77028 84574 00168 49148 24881 36514 70124 59994 40989 34947  
82691 98322 00347 38402 53160 73709 78767 19860 17636 54743  
54976 25102 80820 51778 40537 46599 27813 18283 36027 78882  
98347 96136 99338 69347 59420 82323 73859 85565 59977 42000  
62319 34921 24116 28668 94494 83279 77236 47932 88685 39625  
07842 15154 81621 51742 27424 39868 30422 85027 15202 44205



93597 00179 76112 98440 33561 49760 95149 10960 67206

14892/13492/12192 kHz, 1500/1520/1540 UTC
---

**14892/13492/12192 kHz, 01-06, 1500/1520/1540 UTC**

03469 00001 00000 37661

**14892/13492/12192 kHz, 08-06, 1500/1520/1540 UTC**

00553 00229 68290 28331 55031 91545 44482 66943 02897 60384  
28343 43992 12712 05723 43369 22745 20489 72298 50637 29932  
27190 00482 26741 13195 71266 96409 59241 04297 82788 90132  
87460 33483 39116 29991 69388 63745 11497 00448 86780 54723  
08916 30356 83798 07394 25650 28370 21657 17387 54333 49131  
06168 32069 36089 74529 23751 63151 44878 74596 72313 30315  
80913 13617 97648 57453 67714 74694 05654 91549 37933 13812  
81281 78299 41250 22872 41861 48888 12310 67605 30600 09803  
63078 68434 56588 47429 31558 62995 98475 45834 22310 75010  
09\_23 90814 81735 07974 08868 93284 96496 66957 59441 31442  
66105 20004 12339 08480 56456 70550 69186 14810 76837 57814  
47481 90361 15790 64982 62894 60261 04053 20304 43839 57125  
81625 68766 88161 57853 14880 88945 07454 37322 75024 33545  
01890 51893 48826 15118 78191 03360 23094 190\_\_ 80187 33821  
29626 22588 79929 68343 28388 97745 96532 47772 33840 21576  
22238 37688 17036 56601 73103 09554 17153 30327 15610 31059  
80152 98986 96317 59657 62425 55646 06494 65708 71038 23765  
51163 81512 07818 62834 23286 21089 75574 11414 41073 49925  
99063 79723 77472 94449 62129 39051 56067 77156 51004 823\_\_  
99514 26744 35502 80199 85279 27189 04618 06967 29808 79338  
36538 96330 94681 51901 06476 40979 23766 15429 42909 53253  
75167 97765 39220 43648 56676 83088 85821 36381 08387 49725  
73634 67994 03410 46822 57580 86117 82682 26715 99102 27508  
40805 54047

**14892/13492/12192 kHz, 15-06, 1500/1520/1540 UTC**

07180 00001 00000 31667

**14892/13492/12192 kHz, 17-04/22-06, 1500/1520/1540 UTC**

05577 00204 22310 50573 28348 95428 60693 39262 70283 50675  
91786 73663 68601 91992 21143 63500 51789 53975 69891 31581  
36560 89500 86304 17934 59874 47438 07277 61399 07670 14972  
60718 18188 41418 58442 06489 21717 99267 81592 75468 30977  
84428 68110 07112 81420 99671 66416 84386 84091 80079 06138  
49211 56455 50397 82014 58147 63404 49197 37642 47244 47951  
13754 10813 26241 51911 30214 53732 79648 28010 37880 76133  
57017 69434 62250 99461 77667 24061 41410 35825 52154 34108  
50573 98764 09275 77759 19890 67125 40237 59600 93522 77209  
80319 94552 32178 47909 37100 08096 34395 03779 00074 40668  
37406 80209 13043 76759 55650 35845 26233 25879 08009 96896  
55506 66716 05474 64703 32336 97841 42010 23915 78876 30204  
19903 10374 67066 17925 70745 70234 85402 83464 21383 65944  
12402 89792 61220 50860 21663 08764 28730 79207 16563 79048  
51221 18796 25312 25016 66289 90772 35317 30215 55407 68091  
87577 50034 16296 58541 73656 01466 64393 56605 62247 48988  
24382 02765 69678 37867 26024 24824 11595 80137 70616 37904  
63832 47199 02692 46870 38875 51372 21498 41632 20774 65997  
55624 68810 18049 96299 35381 00992 47247 54562 53833 77800  
38319 40442 91485 03477 53009 96431 64360 31297 39768 87133  
99358 04775 16504 17940 82467 78662 17076

**14892/13492/12192 kHz, 29-06, 1500/1520/1540 UTC**

01218 00001 00000 36252

**13373/13973/14973 kHz, 02-06, 0800/0820/0840 UTC**

08114 00001 00000 33661

**13373/13973/14973 kHz, 07-06/08-06, 0800/0820/0840 UTC**

02657 00400 84518 37291 50047 99479 42756 88554 85042 22533  
88471 90594 15033 54979 73296 37031 58145 50920 34660 61168  
70948 22956 48404 15782 16711 63235 02039 47012 42206 68963  
30315 37771 80030 78768 64715 80929 77801 90169 67864 35083  
58138 56180 13363 07534 52000 07745 18297 44005 89965 34306  
15731 24273 06481 63677 01967 80250 94371 33699 13495 47017  
54949 67330 52605 22870 70926 53092 11144 01074 70096 58835  
56697 38891 39432 67220 63030 61424 36462 24612 90488 56697  
06349 14295 00770 58318 48892 97267 00863 84444 38584 84810  
99499 95824 06850 89498 77350 80922 33541 56890 30460 72500  
39342 56155 70015 15061 71212 76594 34311 31210 06368 85567  
20235 98437 01565 87048 98661 93925 23602 77586 32113 49156  
84461 40250 54119 35303 09054 36411 73246 29938 26243 85453  
26054 89324 77515 13265 39896 16920 29527 95510 45076 31621  
58941 90712 20547 68642 03514 56238 66122 31310 23396 64443  
93032 06437 13998 11463 62601 30116 21184 48388 89257 22657  
13214 75041 41693 67942 98341 78468 11617 20894 50879 43811  
88714 61264 33937 13828 21201 54996 87961 79473 13310 35796  
39077 56949 08981 59116 00670 72385 19610 54739 82453 29265  
69314 82916 18949 35055 40859 30858 09085 92154 15996 19570  
25492 80370 28860 91438 34331 22312 73810 13495 08301 38031  
14686 63400 76906 96101 08107 14909 11604 19093 38304 84738  
69089 01451 69827 43293 77564 12408 81794 04701 23147 28714  
53331 31227 76568 02365 65137 31680 25165 60968 22626 44670  
03445 27378 76938 35197 10694 97335 91112 20795 51367 95828  
14547 50094 61442 99976 15462 83710 97775 46607 91067 31706  
73613 47907 64659 83050 93873 70895 98522 00909 28064 23541  
33898 84156 91346 67602 65983 34332 39074 52135 66151 27173  
15495 71273 43497 46942 93243 76767 83855 36198 61851 69287  
60938 06192 18204 43269 10836 31691 15004 30938 74332 16415  
25438 29092 62877 03237 38585 38728 36393 81643 03887 93724  
02626 47404 70825 92432 57567 90325 12878 90163 16710 46686  
72167 27478 10904 56805 76014 07556 68346 69818 20489 73449  
86897 30257 19437 16461 70473 46749 88251 96841 82659 83415  
48050 93213 51260 99289 16580 10076 46309 22398 52695 87565  
36702 35147 64857 58954 36790 00402 51335 20695 20669 78779  
03414 58808 00159 68333 95794 60949 68963 51558 89738 82118  
49806 36234 74791 14937 18356 63148 76916 31307 38346 42484  
54771 34366 50346 48731 47876 90571 34067 39850 57723 71602  
98973 62028 99730 84009 69126 30482 73017 33205 11260 56593  
17735 79464 62771

**13373/13973/14973 kHz, 14-06, 0800/0820/0840 UTC**

05733 00001 00000 36260

**13373/13973/14973 kHz, 16-06, 0800/0820/0840 UTC**

09499 00001 00000 37672

**13373/13973/14973 kHz, 21-06/23-06, 0800/0820/0840 UTC**

00556 00133 40804 61276 27323 82349 40941 53510 80016 62849  
90779 11180 56841 75052 60358 68881 59137 58281 49106 74613  
34891 84256 60009 29023 13441 86366 62763 15255 14494 40312  
17266 66315 54473 60312 71549 73992 83429 67144 65124 08864  
78095 30310 81151 30134 81599 40603 62023 83726 19376 01747  
23626 84295 80448 16245 04524 88909 58820 75180 54280 28276  
03522 35765 13429 32361 43312 12191 88703 87486 07124 81026  
10923 96094 46373 86593 52760 33342 04981 21461 84094 19231

13273 87308 14238 10898 36568 71699 03363 53449 23066 56776  
88459 57023 75908 53289 35809 05101 12460 38312 77109 51281  
06024 51461 52277 99575 99777 75697 36640 24961 35529 67552  
21519 88896 46685 39011 61934 03423 01579 54817 39702 54073  
79685 77784 20098 27381 10821 37507 27443 68271 58229 88205  
64477 09234 03080 45823 77240 00761

**13373/13973/14973 kHz, 28-06, 0800/0820/0840 UTC**

03500 00001 00000 33653

**13373/13973/14973 kHz, 30-06, 0800/0820/0840 UTC**

04879 00001 00000 41663

<b>12148/13448/13948 kHz, 0700/0720/0740 UTC</b>
--

**12148/13448/13948 kHz, 03-06/05-06, 0700/0720/0740 UTC**

00388 00061 19242 60438 89803 28337 73743 93475 11260 97225  
57672 98589 68254 50701 70523 74167 33644 91492 46425 67559  
78270 69760 03182 60819 87314 92832 02770 07039 22848 76597  
38052 50777 35521 20066 09854 30079 32467 77937 79819 37736  
63947 23999 26409 65035 14133 04834 73561 34527 98258 24568  
04690 70260 93770 27658 61938 49303 66747 45275 40099 14788  
47631 21840 52754 67205

**12148/13448/13948 kHz, 10-06/12-06, 0700/0720/0740 UTC**

07376 00611 52745 73364 17522 60879 67629 75442 22360 29709  
61262 06841 24729 56228 30532 44933 08378 29525 34592 77175  
63350 95014 43425 78737 91450 29734 86301 07204 63609 14160  
77106 52711 27657 88302 10188 30139 85956 50145 00141 32678  
58332 86212 52010 42074 33128 52397 35800 07906 94389 94981  
38499 10832 98717 95559 68116 99604 67766 35003 85904 30042  
34266 46662 35782 65284 42940 97026 15817 07634 74774 65563  
60510 74807 24695 07438 75902 51601 10376 38393 55551 55606  
13534 12343 78329 04291 42123 26426 03778 33238 82660 39598  
28409 30451 14546 40327 68936 85463 96077 97586 30139 15904  
01196 85408 37599 73212 84333 25379 37559 40675 55528 71988  
56215 09537 85056 38954 90715 21060 01333 27006 15253 54149  
85203 01917 37664 43755 42010 57644 72448 09100 58140 40970  
59158 01062 11341 20901 06076 84112 56288 97975 77500 32773  
15717 85778 51123 37504 88187 07366 72227 14111 38354 66326  
39132 05030 52306 30248 60695 61434 29955 55214 29921 12008  
65130 86190 42195 76571 05010 01409 08568 09185 69328 62155  
30121 73735 41130 97756 15991 26239 32887 15273 44634 22445  
47265 17266 60893 43932 27446 44203 11009 17639 87856 79049  
97469 04185 14005 29290 71860 74843 80675 73509 98902 31263  
24137 86210 25669 86768 17326 67459 23456 84394 30529 07882  
85745 75322 29271 23649 18290 98522 04495 26335 41797 37302  
92978 83992 11700 85967 13643 73126 74071 32622 99765 43672  
02288 56601 45726 56488 72613 46571 44500 32523 15958 81432  
65524 25272 67068 30342 18578 71463 77247 87558 24710 98096  
16322 57222 21479 69589 66036 24440 93258 22877 25207 11468  
37480 47940 20899 14692 52160 22176 21207 40216 38994 94836  
74762 29750 52918 48005 54882 58941 00720 45917 80405 97353  
59772 01521 10631 77665 69290 93006 19424 73694 31850 28222  
92216 79589 83506 13626 84889 21140 12697 99345 48901 88494  
24806 48166 50836 14289 88603 50764 78659 59725 85417 72047  
76689 04710 57061 34241 78816 56670 92671 56663 07839 04038  
36024 34940 67002 07626 60406 70394 99229 33371 81902 95629  
61210 92096 00145 06991 38585 26739 81212 08029 04840 78442  
27046 31861 23477 01108 40593 19832 96097 32138 61383 74464  
43663 82300 56918 92252 85038 80761 34486 59505 63732 66472  
98028 88707 59127 11152 98517 23713 39951 31329 62706 49291  
08161 89728 30185 44329 94439 74605 40628 03226 96154 54250

30297 60593 64972 37113 25182 99682 53380 22207 06644 03336  
08587 64488 49080 57408 97683 99330 07057 31463 37557 86117  
97133 04136 31507 33517 41102 29125 99934 26494 62599 20590  
03248 73738 21205 63236 53389 22998 17758 86401 21945 10752  
26925 20623 97823 28925 58351 28286 37408 63330 66918 05117  
81608 40143 11696 62841 43492 15705 65068 08770 77395 93237  
75920 68012 42705 15637 02301 56502 79762 57679 07951 79794  
65016 31988 48318 40643 68608 03067 65901 78519 16188 79202  
06213 09787 98094 93376 27285 91475 06133 03342 86025 89384  
91493 63012 92277 73320 42464 15996 16764 18557 28281 20234  
42928 03425 63997 92247 18410 40635 54699 52455 53866 40135  
74728 51718 54127 70500 71057 23702 86945 96320 18155 75581  
54146 40138 01374 65000 53932 11065 95111 38720 44118 34123  
40546 51070 64402 80572 56088 86402 55156 44464 37416 05554  
91398 20324 85056 58048 51125 25460 07279 93193 34087 49544  
77134 32409 30659 67686 50074 36710 16386 47907 50040 80361  
35952 72639 27574 75842 66477 30711 55257 02261 21429 76040  
08069 21365 23122 59042 99917 66420 96338 80246 33543 53087  
64020 03368 10465 04709 65670 76129 00977 28903 96588 53427  
67054 52092 84294 55872 65817 58541 60523 88340 89513 18739  
33456 75474 79613 40247 19826 90306 76188 70372 95356 61018  
22699 74401 57046 77596 48790 42536 96044 32761 65942 81347  
85502 89136 02317 41467 59914 84756 37014 54437 70180 10447  
00475 22068 46894 53542

**12148/13448/13948 kHz, 17-06/19-06/24-06/26-06, 0700/0720/0740 UTC**

00594 00122 35725 03115 46519 38250 05168 34487 02230 92862  
97396 06492 94138 00214 73112 88922 11873 69780 88048 68176  
89403 06312 31337 30503 15031 82726 54930 15773 96472 57558  
49508 00783 89933 65550 81676 30609 50072 66833 02413 96083  
39506 67721 39139 45828 49245 59642 50723 55576 64464 50472  
96938 93272 94269 53904 90818 65002 72522 28755 40104 54681  
08467 54487 75162 04869 94208 77523 83150 29590 90975 08199  
05156 90170 18235 74891 48204 40978 16353 88498 37066 11171  
47703 26840 94320 79245 07095 04270 60840 86412 54378 23875  
22419 62326 43728 98383 38026 21254 19639 21976 76114 42714  
00332 14022 71698 29447 68330 03054 42160 43762 34852 69086  
83963 41566 17642 83648 45983 93704 69369 61819 26128 06112  
28179 74716 51935 65469 51230

17417/15812/14504 kHz, 0910/0930 UTC
--------------------------------------

**17417/15812/14504 kHz, 03-06, 0910/0930 UTC**

00215 00140 83853 04685 61574 84863 77353 97620 80206 01064  
17484 75309 82064 55109 21828 92488 55208 61382 12585 06429  
41538 35760 28305 19322 15756 12185 29215 76245 41906 71989  
45394 71431 70861 82974 95703 42149 20916 57114 59520 20300  
21362 44532 39235 51070 72259 02974 57130 72319 04096 88745  
40354 14069 42336 82580 00559 42656 33212 71005 87430 27280  
15384 96816 51443 97838 13715 89800 72861 01653 78839 56591  
77681 14953 49071 22456 33831 21114 30304 99595 38646 01464  
88416 86370 12788 74144 31869 57578 66297 17065 26591 77484  
66971 55096 39394 36909 82729 25917 71066 82449 62286 07719  
07626 12396 57093 85496 11194 40529 51399 59837 72870 79086  
32433 87953 11866 27426 91266 85725 05459 79241 59838 42565  
21626 03840 21919 01986 60886 30813 50949 59423 83544 82013  
40806 30445 21902 62848 00660 16355 36260 20295 81346 43481  
39761 98349 05751

**17417/15812/14504 kHz, 10-06, 0910/0930 UTC**

03273 00001 00000 33662

**17417/15812/14504 kHz, 12-06, 0910/0930 UTC**

09607 00001 00000 37661

**17417/15812/14504 kHz, 17-06/19-06/26-06, 0910/0930 UTC**

08677 00096 33726 29066 87214 20285 40536 68232 60736 86488  
80442 53786 56838 08886 76860 60954 29210 96930 33248 67445  
56493 23735 79238 06549 34931 52178 03018 57882 98189 83532  
29988 72549 44772 48170 53804 41924 50573 66541 65015 44268  
37083 87040 78630 60070 63151 94366 55159 39953 92905 83269  
34441 00803 80510 45908 06541 99426 64643 09583 85006 86000  
44752 00480 68094 28476 44008 46383 36558 35420 33336 25451  
20052 86302 24048 58240 24135 62825 09380 37350 03178 12868  
70608 31376 30057 45424 91414 39791 01605 46885 73656 45380  
81603 24511 02821 57291 75527 37247 35289 44028 02434

**14892/13492/12192 kHz, 1500/1520/1540 UTC****14892/13492/12192 kHz, 03-06, 1500/1520/1540 UTC**

00553 00229 68290 28332 55031 80545 44482 66943 02897 60384  
28343 43881 02702 05723 43369 22745 20489 72298 50637 28832  
27190 01482 26741 13195 71266 96409 59241 04297 82798 90132  
87460 33483 39116 29991 69389 63745 11497 00548 86790 54723  
08916 30356 83798 07394 25650 28370 21657 17387 54333 49131  
06168 32069 36089 74529 23751 63151 44878 74596 72313 30315  
80913 13617 97648 57453 67714 74683 05654 90539 37833 03802  
80280 78288 30250 22861 30860 38888 02300 67605 30600 08803  
63078 68334 56588 47429 31558 62995 98475 45834 22310 75020  
09313 90814 81735 07874 08867 83284 96496 67857 58440 31442  
66004 10004 12339 08480 56456 70550 69186 14810 76837 57814  
47481 90361 15790 64982 62894 60261 04053 20304 43838 57125  
81625 68766 88161 57853 24880 88945 07454 37322 75024 33535  
01890 51893 48826 15118 78191 03460 24084 08088 80087 33820  
28626 22588 78829 68343 28388 97745 96532 47772 33840 21576  
22238 37688 07036 56600 73103 09554 07053 30327 05600 30059  
80152 98886 86307 59657 62425 55646 06484 65708 70038 23765  
51163 81512 07818 62834 23286 20088 75563 00404 31073 38825  
99063 68723 66372 83338 62028 38050 56067 77156 51004 82378  
99514 26733 35502 80199 85279 27189 04618 06967 29808 79338  
36538 96330 84681 50901 06476 40979 23766 15429 42909 53253  
75167 97765 39220 43648 56676 83088 85821 36381 08387 49725  
73634 67994 03410 46822 57580 86117 82682 26715 99102 27508  
40805 54047

**10315/11115/12215 kHz, 0500/0520/0540 UTC****10315/11115/12215 kHz, 04-06, 0500/0520/0540 UTC**

00261 00102 94887 97545 16912 12600 38405 10939 11104 27235  
23434 07617 76446 68174 14915 98376 36838 56795 60702 76928  
59727 83953 42034 18893 86998 12655 87583 97596 20929 27046  
64974 62436 48997 04585 38579 60649 43988 14316 98115 87437  
77304 18302 78659 68360 69072 76139 02131 39460 30545 89250  
38613 25474 10149 82166 34656 54261 61746 39924 39239 31486  
23901 49241 00854 67430 31925 63464 81583 07895 81520 35570  
53097 76667 83451 72701 23862 68674 40417 47838 61316 39921  
11774 59567 62824 42212 36968 01254 80376 84531 73473 20809  
31879 61426 51369 53421 31559 17567 06339 60052 91017 64322  
00922 69870 86322 01313 61455

**10315/11115/12215 kHz, 11-06, 0500/0520/0540 UTC**

03919 00001 00000 42254

**10315/11115/12215 kHz, 13-06, 0500/0520/0540 UTC**

03249 00001 00000 36657

**10315/11115/12215 kHz, 18-06/20-06, 0500/0520/0540 UTC**

00357 00194 11916 97401 68809 30181 83457 00271 49956 72790  
65717 54805 85633 44101 86803 68800 48868 68303 00729 74355  
78041 82077 50293 70833 33058 80770 84058 28876 28888 30253  
72864 68008 07222 25638 66860 28636 66080 68856 42280 65866  
15583 13303 30820 35585 37888 45076 91578 77370 30864 84746  
43243 05843 56702 85883 90230 38526 77260 66174 87084 07080  
02054 50732 46285 00426 66300 86672 02683 88066 00782 88088  
03838 36000 04378 00657 75003 63568 09500 06711 85888 88068  
82330 36586 32848 88627 13323 88006 02886 30835 22278 00420  
70502 86425 17426 78511 51244 27667 84221 46335 22355 41892  
57743 22244 50392 53964 49216 23333 99253 53150 18972 71178  
25480 22685 02475 65067 71341 74926 39441 99122 50470 79834  
43041 69481 49474 55715 47063 59838 20268 38353 85982 53431  
37862 50726 07128 33703 97737 94738 46033 83449 52897 01017  
04427 21355 55608 91585 24277 68663 36071 24369 58159 09882  
12689 01573 95496 05241 28123 13323 96318 11844 98658 17814  
83394 99978 46347 11845 63357 69899 22662 64730 12075 59157  
64283 36970 86259 56707 70377 93665 05327 84273 80675 26029  
84222 11368 97170 50665 43584 85581 44648 36415 19922 82380  
65562 20358 63179 68943 63956 06083 70442

**10315/11115/12215 kHz, 25-06, 0500/0520/0540 UTC**

02627 00001 00000 37654

**10315/11115/12215 kHz, 27-06, 0500/0520/0540 UTC**

08667 00001 00000 37666

15874/14474/13374 kHz, 1100/1120/1140 UTC
---

**15874/14474/13374 kHz, 04-06/07-06, 1100/1120/1140 UTC**

00256 00144 95235 02546 58118 86980 57575 88448 25337 42102  
85904 68432 22774 48317 84512 25248 67942 09798 13523 79631  
14019 57783 43333 48181 19287 25195 27012 82777 99288 76370  
39432 66106 79539 72210 93026 28760 23091 18708 68410 45090  
91937 64280 80802 66087 43124 06297 79931 92648 46656 53921  
04280 89583 82256 80704 78787 67999 46762 66473 08439 45062  
86390 40473 17787 20283 29172 90025 16127 39472 23192 45880  
67909 18955 45102 73789 04910 43551 71003 14547 87707 09893  
81774 72726 81756 73923 11760 79320 39860 41497 87261 72250  
38749 37698 78266 40949 23546 73722 26425 94107 00294 13649  
39007 18143 34329 49009 08288 24003 04392 27812 40363 28246  
88114 92761 31541 58068 50856 12807 85435 39965 25432 36424  
47292 10405 30767 75245 13596 86971 30072 66566 81178 24185  
24856 83182 16542 05235 86186 45305 75605 71646 68334 35282  
82561 39331 07595 32406 13106 63665 20442

**15874/14474/13374 kHz, 11-06/14-06, 1100/1120/1140 UTC**

00315 00081 47800 11365 66603 58899 47825 14935 24076 77161  
00327 52008 35811 42236 79633 91162 38266 02006 93119 02471  
99911 18454 33011 26146 82132 55466 34969 35867 45764 48023  
98043 59869 56769 02604 39639 31386 11839 86351 36530 93916  
03393 30293 64597 17456 96362 55871 22690 17188 71664 81633  
39180 60873 64183 75681 48770 43583 94060 68719 84872 13931  
48324 23744 78165 75096 32111 74355 97674 25787 57355 57969  
85574 19232 54943 73625 88479 29691 51814 71612 19355 89958  
44843 07024 71099 57660

**15874/14474/13374 kHz, 18-06, 1100/1120/1140 UTC**

03637 00001 00000 37656

**15874/14474/13374 kHz, 21-06, 1100/1120/1140 UTC**

04525 00001 00000 36256

**15874/14474/13374 kHz, 25-06/28-06, 1100/1120/1140 UTC**

09629 00078 35185 12946 93612 06372 90430 45795 90654 87282  
16117 16337 78376 32233 15877 66138 05942 10499 84402 08018  
73687 80400 28242 10560 83754 39327 46017 94886 72200 46659  
58790 08293 54646 99088 24191 20156 44214 57584 70329 07735  
08256 20394 31174 65007 80348 95067 29719 42954 11503 30193  
75951 79008 17132 45506 30308 91499 86922 93116 80941 81697  
31031 98182 07782 24036 71249 69866 53673 87936 25953 45109  
29787 24987 67372 46456 75358 19029 19923 43940 36767 64319  
31035

**13417/14817/15917 kHz, 1600/1620/1640 UTC****13417/14817/15917 kHz, 04-06, 1600/1620/1640 UTC**

09826 00256 01935 61071 50022 89660 21344 58871 97352 84873  
09152 02716 27237 64493 50310 13053 23267 16181 16276 33014  
38027 68245 03699 06251 20507 97447 62257 32149 12152 96006  
51270 83396 92597 62117 14298 36620 21326 42685 26769 38373  
22263 96470 06974 11109 66473 10701 81040 80412 55085 09393  
32500 37269 05896 08815 92041 42894 55677 02329 44470 10103  
74891 43818 76928 13906 32223 85163 52065 80755 56095 76022  
65550 13654 23668 91456 10440 27818 79780 80142 50614 56778  
54601 21786 01041 37868 64709 78789 35979 29378 11864 41073  
82122 84884 89733 80876 34215 82012 01627 36872 48219 79526  
55312 56815 05839 84079 74587 52312 26377 05737 42259 56092  
46062 87317 38874 90296 78499 16474 14576 98142 61375 49311  
84754 09581 66866 17420 84562 62839 72406 45736 90605 90644  
17373 30753 48766 48780 30896 87367 05583 85535 81266 89909  
39219 93577 92817 59464 19813 10741 81875 02343 73132 28102  
41624 46283 28864 36281 85180 02597 34117 42255 86020 18937  
33514 00227 29378 87733 65445 16617 19118 58169 56819 41957  
69004 53141 20512 30051 98165 57630 07952 22883 00322 60437  
80497 11337 73786 31931 47859 20031 00375 04946 88738 72765  
75126 42103 48816 24108 76568 25282 87295 21713 08276 04072  
78608 33230 92719 59353 33186 51623 73568 80273 65745 50208  
14209 28054 38084 62824 98395 20643 99878 05174 95621 98239  
90470 19086 68727 96623 82104 45365 26184 27415 44925 74536  
74744 18571 89294 05725 26301 00520 62378 13900 55222 92227  
61033 62462 36118 08185 02509 51825 09574 82264 33654 88603  
10338 43044 40013 05462 24356 12532 88626 69230 01463

**13417/14817/15917 kHz, 06-06, 1600/1620/1640 UTC**

Null message

**13417/14817/15917 kHz, 11-06, 1600/1620/1640 UTC**

01439 00001 00000 37654

**13417/14817/15917 kHz, 13-06, 1600/1620/1640 UTC**

06053 00001 00000 32663

**13417/14817/15917 kHz, 18-06/20-06, 1600/1620/1640 UTC**

00124 00159 27235 64459 54384 55063 86780 81729 57271 29773  
41618 13928 20466 29743 34759 28360 23784 29615 84164 05842  
91209 27127 03617 63204 93019 05286 64210 81534 77198 11869  
40781 85693 40076 66318 42460 45453 34414 39870 67006 70161  
16728 41264 28773 49124 70009 79594 25660 84370 37495 00633  
36142 54603 02186 42591 25674 97443 48792 17245 35407 77799  
95081 12761 66781 54161 67345 69974 72699 32826 82854 13834  
48979 87083 79004 34834 13774 59497 88450 49339 98129 65877  
66927 72171 17030 76672 28701 22542 90476 91539 67853 37743  
10617 40049 05041 74001 82649 98285 19784 87023 90868 55914  
08021 88462 88372 46419 29521 01107 29645 24104 63577 70942

43665 84421 03196 85894 64173 47323 54130 17269 25703 15213  
47938 50463 56258 27276 00623 85618 53221 73252 83468 20879  
54856 26417 97461 46116 82706 15364 10699 60707 99907 84351  
08493 62775 83463 42998 28580 77698 66296 87993 74922 22267  
45520 21578 63568 57387 21148 33341 94737 45731 10276 70288  
35729 04733

**13417/14817/15917 kHz, 25-06, 1600/1620/1640 UTC**

05961 00001 00000 36263

**13417/14817/15917 kHz, 27-06, 1600/1620/1640 UTC**

09214 00001 00000 34262

<b>15982/14982/13882 kHz, 1100/1120/1140 UTC</b>
--

**15982/14982/13882 kHz, 05-06/06-06, 1100/1120/1140 UTC**

08860 00118 92111 51901 41481 18528 79940 61963 35019 74492  
14665 49829 87380 55040 81421 29880 87139 11366 61682 03998  
02455 12998 10930 80331 48461 72783 33238 43988 01828 62590  
53660 79480 95411 12306 21959 97492 32083 99000 66840 46919  
66481 53855 76726 83866 96431 11190 30424 64058 92271 79883  
06036 38612 65736 54637 82128 77230 06388 74781 75890 19283  
16725 98133 70094 38772 73564 11582 75785 76308 69001 23762  
81072 39910 48388 79878 44736 27367 68960 53865 91644 79068  
09122 63797 29113 24128 52142 32998 01618 11777 80622 31905  
19353 07190 78270 50312 84278 84730 48184 80989 10857 34094  
58692 75026 94654 97489 22156 81212 57957 34267 75392 77432  
55708 58439 43825 12312 63004 15956 86822 42378 62633 29497  
55714

**15982/14982/13882 kHz, 10-06, 1100/1120/1140 UTC**

06636 00001 00000 36651

**15982/14982/13882 kHz, 12-06/13-06, 1100/1120/1140 UTC**

08860 00118 92111 51901 41481 18528 79940 61963 35019 74492  
14665 49829 87380 55040 81421 29880 87139 11366 61682 03998  
02455 12998 10930 80331 48461 72783 33238 43988 01828 62590  
53660 79480 95411 12306 21959 97492 32083 99000 66840 46919  
66481 53855 76726 83866 96431 11190 30424 64058 92271 79883  
06036 38612 65736 54637 82128 77230 06388 74781 75890 19283  
16725 98133 70094 38772 73564 11582 75785 76308 69001 23762  
81072 39910 48388 79878 44736 27367 68960 53865 91644 79068  
09122 63797 29113 24128 52142 32998 01618 11777 80622 31905  
19353 07190 78270 50312 84278 84730 48184 80989 10857 34094  
58692 75026 94654 97489 22156 81212 57957 34267 75392 77432  
55708 58439 43825 12312 63004 15956 86822 42378 62633 29497  
55714

**15982/14982/13882 kHz, 19-06, 1100/1120/1140 UTC**

09477 00001 00000 36670

**15982/14982/13882 kHz, 20-06, 1100/1120/1140 UTC**

07093 00001 00000 32670

**15982/14982/13882 kHz, 26-06/27-06, 1100/1120/1140 UTC**

05903 00149 60639 84251 63077 61783 60176 42379 72107 97907  
97872 82175 13075 13636 77261 92973 68909 16084 72780 47219  
05494 34965 87275 74028 87819 36794 60307 45774 30133 38682  
06837 31982 77675 60226 43696 82594 76528 58773 74819 35361  
81641 47505 04031 13035 81992 43594 54961 52921 89987 35645  
97235 67350 38668 73605 48989 79072 27681 49534 35693 89086  
16836 91380 75337 99078 88890 43250 57684 77043 56189 70837  
86782 17038 33743 01359 32836 08881 03058 86325 23136 54849  
49685 09555 54033 09218 75478 46215 69070 87738 96393 90288



66284 14154 52866 19494 84516 18669 51537 64108 93549 43666  
27601 13595 42679 91982 32166 93907 66935 82597 27277 66611  
39203 12273 54826 06123 97748 04804 69074 35456 93761 40948  
01966 59345 05327 93650 23530 01579 44203 82472 42014 07466  
73881 04838 27200 25498 74056 44727 64491 96369 11862 85528  
60636 13825 99136 63034 68297 85911 34304 74700 66487 90680  
31830 22353

17474/16274/14574 kHz, 1800/1820/1840 UTC

**17474/16274/14574 kHz, 05-06/07-06, 1800/1820/1840 UTC**

00451 00226 49173 52307 79814 04158 93557 05497 01395 66602  
41224 39342 90065 76632 28301 61345 43709 11359 93548 22029  
55443 64869 17635 44325 42584 29824 16553 79340 18771 97306  
45467 89148 19216 31334 19777 44721 63451 90647 50154 25576  
49057 39812 00809 29929 85864 58664 33757 84767 72004 57505  
41122 06556 78168 64170 70991 12782 28859 14820 24358 74878  
31458 45243 35667 13249 43245 96930 62860 92235 64570 52717  
71616 74884 86667 06039 24876 54682 47374 26203 86308 48867  
90563 79750 33548 96542 50643 33274 87104 86806 45984 83901  
97491 74051 15436 40804 59916 97418 41160 00200 39595 05012  
14799 57760 00371 40622 78882 03149 49310 42948 33639 62819  
13905 90366 93498 29916 85785 51060 78163 22870 60490 21697  
97929 20961 33729 63144 16699 10855 81354 66516 75661 74268  
08026 74662 10946 57312 29207 10449 20994 87867 67827 02974  
92465 59800 67812 27470 98466 60347 20996 00322 59210 39248  
67413 37039 31740 44462 97074 39656 68641 81873 65901 10623  
15323 80731 33225 84944 24969 33167 40880 85904 80868 26709  
93005 09894 93889 07437 78076 40496 46161 86887 03513 54903  
49312 95003 51706 90433 30195 42916 03323 49678 75379 78639  
33919 49431 33098 17932 34232 16731 52828 09535 51661 60848  
34892 69210 10207 08056 94278 00449 86866 09662 78825 08861  
33724 80384 99653 40489 99287 36096 13992 87558 52950 84445  
37469 75302 62896 17589 25197 73530 12888 00829 70616

**17474/16274/14574 kHz, 12-06/14-06, 1800/1820/1840 UTC**

06960 00085 10808 94221 98066 90767 30631 89090 98228 95757  
42355 33928 28675 89265 40331 56370 74391 62776 71332 71694  
66122 86014 22247 30722 54114 46972 81852 44992 64707 53371  
34027 01714 73454 83122 43981 22146 26908 62452 13555 49039  
80727 32241 98180 75297 12111 87120 79483 35938 14966 59762  
51426 89265 47046 75552 07348 41149 74004 83636 09019 14581  
06623 83287 49185 76130 36899 10426 56254 79974 02603 67723  
28699 57922 70113 83045 76647 69758 00808 00320 90272 72451  
68033 28460 72478 69664 92665 47468 11052 55203

**17474/16274/14574 kHz, 19-06/21-06, 1800/1820/1840 UTC**

00132 00098 56740 97169 68157 75612 34415 33336 28559 45946  
87035 85991 77920 84284 60186 46578 72704 63151 93996 98165  
40692 40290 63775 00800 44534 62743 02102 76110 38098 54466  
62779 01361 67550 22469 31772 84873 64527 69409 55748 36340  
62454 61809 49249 81834 46802 69426 39265 77236 37614 29915  
62887 59141 21876 76123 99348 25229 21693 77114 64574 93254  
33026 72229 57980 76107 76266 33244 71398 03831 33181 74165  
30175 24124 33001 75744 48928 39533 70639 30225 36131 75206  
23803 05031 47779 04266 86220 21342 15711 56554 21194 45291  
65974 48624 09086 87378 05159 81756 25513 40299 47719 05246  
61145

**17474/16274/14574 kHz, 26-06/28-06, 1800/1820/1840 UTC**

00570 00196 62981 28644 19099 51872 80366 23483 24768 89308  
35051 15658 70442 30779 66735 89691 82103 51076 31857 76838  
67894 66156 93639 70690 87051 95237 47127 65855 79345 87427  
61262 79913 26830 51500 71279 10735 72236 37190 85088 54562

95090 09669 89683 48165 01186 34307 27916 72910 13600 42688  
19642 31938 35663 28090 30435 03891 24983 06565 62874 66370  
21606 61469 10885 83645 41259 12473 51104 77180 04287 61749  
99738 61556 75122 33855 95227 77418 41834 33037 85016 54616  
79215 74655 60765 51975 81553 39538 42655 49164 01739 73161  
05558 06403 84360 61631 14021 83583 47955 30488 22677 06585  
31677 37220 87300 58115 82985 50803 69309 87708 16779 54709  
88605 60895 02568 81577 87010 36096 44490 44075 19169 15532  
27802 59788 90999 86474 62972 63320 57047 07529 02564 14151  
31674 94889 62546 97433 62629 56102 72194 09628 18409 51059  
61410 53786 55639 67794 13844 37224 86075 99940 94213 58362  
92528 92454 27194 31696 16357 34440 65459 70507 09051 33115  
26488 51486 47478 40020 10008 70521 61749 31984 36917 78434  
41477 09247 71598 14229 70640 12693 90256 83404 33880 14155  
89493 40794 45333 44126 69279 29479 11146 51449 58714 75935  
12558 93194 95617 46041 05809 47661 83713 54120 33721

14892/13492/12192 kHz, 1100/1120/1540 UTC

**14892/13492/12192 kHz, 24-06, 1100/1120/1540 UTC**

01990 00001 00000 35663

17437/19137/20537 kHz, 0630/0650/0710 UTC

**17437/19137/20537 kHz, 11-06, 0630/0650/0710 UTC**

05812 00001 00000 36256

**17437/19137/20537 kHz, 13-06, 0630/0650/0710 UTC**

07781 00001 00000 35270

**17437/19137/20537 kHz, 18-06/20-06, 0630/0650/0710 UTC**

09571 00041 71966 41582 86324 10655 68573 06868 71847 63719  
67858 71467 72952 68347 06656 50370 20126 63672 99319 31361  
77564 10880 93861 78980 05525 09661 42414 81659 76603 43443  
22915 90382 70682 67459 83063 60987 08771 85668 12859 60162  
02141 33097 60710 50367

**17437/19137/20537 kHz, 27-06, 0630/0650/0710 UTC**

07504 00001 00000 35657

20537 kHz, 0710 UTC

**20537 kHz, 06-06, 0710 UTC**

00133 01004 87174 85503 66668 14662 27552 00375 00165 35555  
62843 03772 30081 38501 17771 81322 32030 55000 21816 05856  
24334 78286 12660 78166 75051 05300 81888 66333 71040 36078  
33376 63536 04340 63666 62102 13455 55884 40163 10466 34301  
66636 44538 10838 60160 88068 76438 06566 38868 84101 63666  
30644 10236 63554 16427 67466 62682 08122 51130 81033 83706  
86761 03644 38001 00434 20884 51200 73158 66841 22586 87514  
13836 20312 71111 76661 74675 25051 55084 64887 66274 34444  
55141 26114 41411 10074 86481 08133 55636 11181 18044 38768  
00668 83105 43808 10816 16103 58300 08632 36336 38040 44326  
33061 80638 06708 70021 78367 06061 83607 05018 67650 53088  
50206 71783 44811 10342 54782 22268 76767 33034

Test transmissions

**8150 kHz, 19-06, 1626 UTC** Message. Off during outro tones

**8150 kHz, 19-06, 1641 UTC** Message

**8072 kHz, 10-06, 1233 UTC**

06758 00031 08381 42299 26724 95775 73310 83361 97547 57427  
 16653 24084 70528 13332 31664 27236 73388 90521 90446 50087  
 62657 15807 14557 12469 69511 74030 89140 54013 88615 01932  
 05384 74718 02075 72316

**XPB1**

13876 kHz, 01-06/05-06/08-06/12-06/15-06/19-06/26-06/29-06, 1100 UTC  
 13376 kHz, 01-06/05-06/08-06/12-06/15-06/19-06/26-06/29-06, 1110 UTC  
 12176 kHz, 01-06/05-06/08-06/12-06/15-06/19-06/26-06/29-06, 1120 UTC  
 11576 kHz, 01-06/05-06/08-06/12-06/15-06/19-06/26-06/29-06, 1130 UTC  
 10676 kHz, 01-06/05-06/08-06/12-06/15-06/19-06/26-06/29-06, 1140 UTC  
 10276 kHz, 01-06/05-06/08-06/12-06/15-06/19-06/26-06/29-06, 1150 UTC

11559 kHz, 03-06/04-06/10-06/11-06/17-06/18-06/24-06/25-06, 0500 UTC  
 12159 kHz, 03-06/04-06/10-06/11-06/17-06/18-06/24-06/25-06, 0510 UTC  
 13459 kHz, 03-06/04-06/10-06/11-06/17-06/18-06/24-06/25-06, 0520 UTC  
 13959 kHz, 03-06/04-06/10-06/11-06/17-06/18-06/24-06/25-06, 0530 UTC  
 14459 kHz, 03-06/04-06/10-06/11-06/17-06/18-06/24-06/25-06, 0540 UTC  
 14959 kHz, 03-06/04-06/10-06/11-06/17-06/18-06/24-06/25-06, 0550 UTC

20047 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06 1300 UTC  
 19247 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06 1310 UTC  
 18247 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06 1320 UTC  
 17447 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06 1330 UTC  
 16247 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06 1340 UTC  
 14947 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06 1350 UTC

**DIPLOMATIC STATIONS****Diplomatic stations: Egypt**

23190 kHz, 05-06, 1403 UTC, Codan

**Diplomatic stations: North Korea**

16252 kHz, 05-06, 1300 UTC  
 16300 kHz, 05-06, 1300 UTC  
 13200 kHz, 05-06, 1310 UTC

**Diplomatic stations: Russia**

13395 kHz, 03-06, 0801 UTC, MFSK-6	MFA Moscow clg 532614: Russian embassy Paris
20675 kHz, 03-06, 0934 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
23355 kHz, 03-06, 0939 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
14358 kHz, 04-06, 0820 UTC, MFSK-66	Russian diplo
15945 kHz, 04-06, 0821 UTC, MFSK-66	Russian diplo
15687 kHz, 04-06, 0827 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
12158 kHz, 05-06, 0820 UTC, Serdolik v2	Russian diplo
16115 kHz, 05-06, 1106 UTC, MFSK-6	MFA Moscow clg 215346: Russian embassy Mumbai
16103 kHz, 06-06, 0917 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
17468 kHz, 06-06, 1337 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
15710 kHz, 09-06, 1121 UTC, MFSK-6	MFA Moscow clg 261453: Russian embassy Cairo
20690 kHz, 10-06, 0815 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
13420 kHz, 11-06, 0759 UTC, MFSK-6	MFA Moscow clg 534216: Russian embassy Baghdad
16257 kHz, 11-06, 0801 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing

14861 kHz, 11-06, 0805 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
11071 kHz, 11-06, 0805 UTC, Serdolik v2	Russian diplo
14830 kHz, 11-06, 0806 UTC, Serdolik v2	Russian diplo
17523 kHz, 11-06, 0810 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
20811 kHz, 11-06, 1015 UTC, Serdolik v2	Russian diplo. Selcal
20811 kHz, 11-06, 1020 UTC, Serdolik v2	Russian diplo. Selcal
20815 kHz, 11-06, 1026 UTC, Serdolik v2	Russian diplo
20807 kHz, 11-06, 1036 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
16317 kHz, 11-06, 1041 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
17470 kHz, 11-06, 1044 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai //20813 kHz
20813 kHz, 11-06, 1045 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai, on and off // 17470 kHz
20815 kHz, 11-06, 1047 UTC, Serdolik v2	Russian diplo
13427 kHz, 14-06, 0648 UTC, MFSK-6	MFA Moscow clg 341265: Unid Russian embassy
12177 kHz, 14-06, 0913 UTC, MFSK-6	MFA Moscow clg 356412: Russian embassy Berlin
12177 kHz, 14-06, 0917 UTC, MFSK-66	Russian diplo
14750 kHz, 14-06, 0947 UTC, MFSK-6	MFA Moscow clg 616143: Test
23355 kHz, 17-06, 0919 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
18750 kHz, 17-06, 0937 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
16115 kHz, 19-06, 1112 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
14650 kHz, 19-06, 1122 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
18245 kHz, 19-06, 1245 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
19511 kHz, 20-06, 0652 UTC, MFSK-6	MFA Moscow clg 314265: Russian embassy Antananarivo
18197 kHz, 20-06, 0925 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
17468 kHz, 20-06, 1333 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
14425 kHz, 21-06, 0829 UTC, MFSK-6	MFA Moscow clg 213546: Russian embassy Islamabad
14650 kHz, 21-06, 0833 UTC, MFSK-66	Russian diplo
14828 kHz, 21-06, 0835 UTC, Serdolik v2	Russian diplo
14824 kHz, 21-06, 1015 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
12194 kHz, 21-06, 1028 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
15810 kHz, 23-06, 1032 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
13517 kHz, 24-06, 0933 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
11025 kHz, 25-06, 1028 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
20813 kHz, 25-06, 1015 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
20815 kHz, 25-06, 1017 UTC, Serdolik v2	Russian diplo
10653 kHz, 28-06, 0828 UTC, MFSK-6	MFA Moscow clg 356412: Russian embassy Berlin

## UTILITY ROUND-UP

**7973 kHz, 06-06, 0938 UTC, MFSK11** Unid station i.p.



Enigma crypto machine rotors. Picture by Ary Boender

## LOGS SECTION

Code	Date	UTC	freq	day	Veld0	mode	ctrb
---	6-6	0938	7973	Tue	Unid station i.p.	MFSK11	(MeCa)
DPRK	5-6	1300	16252	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	5-6	1300	16300	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	5-6	1310	13200	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	6-6	0500	13985	Tue	328 146 50 47562 19712 14018 ... 50806 31358 17806 146 50 00000	USB	(Lac/HFD)
E06	6-6	0600	15830	Tue	328 146 50 47562 19712 14018 ... 50806 31358 17806 146 50 00000	USB	(Lac/HFD)
E06	7-6	0500	13985	Fri	328 146 50 47562 ... 50806 31358 17806 146 50 00000	USB	(Subilo)
E06	7-6	0600	15830	Fri	328 146 50 47562 ... 50806 31358 17806 146 50 00000	USB	(Subilo)
E06	20-6	0500	13985	Tue	328 741 50 10016 87215 18895 ... 92532 49408 96831741 50 00000	USB	(Lac)
E06	20-6	0600	15830	Tue	328 741 50 10016 87215 18895 ... 92532 49408 96831741 50 00000	USB	(Lac)
E06	21-6	0500	13985	Fri	328 741 50 10016 87215 18895 ... 92532 49408 96831 741 50 00000	USB	(AB/FSpy)
E06	21-6	0600	15830	Fri	328 741 50 10016 87215 18895 ... 92532 49408 96831 741 50 00000	USB	(AB/FSpy)
E07	1-6	1410	13417	Sat	603 603 603 000	USB	(AB/HFD)
E07	1-6	1430	14717	Sat	603 603 603 000	USB	(AB/HFD)
E07	4-6	1500	14945	Tue	912 912 912 000	USB	(AB/HFD/Lac)
E07	4-6	1520	16145	Tue	912 912 912 000	USB	(AB/HFD)
E07	6-6	1410	13417	Tue	603 603 603 1 6395 88 6395 88 78271 24770 32053 ... 67144 53124 04569 000 000	USB	(Lac)
E07	6-6	1430	14717	Tue	603 603 603 1 6395 88 6395 88 78271 24770 32053 ... 67144 53124 04569 000 000	USB	(Lac)
E07	6-6	1450	15817	Tue	603 603 603 1 6395 88 6395 88 78271 24770 32053 ... 67144 53124 04569 000 000	USB	(Lac)
E07	7-6	1500	14945	Fri	912 912 912 000	USB	(PY)
E07	7-6	1520	16145	Fri	912 912 912 000	USB	(PY)
E07	8-6	1410	13417	Sat	603 603 603 1 6395 88 6395 88 78271 24770 32053 ... 67144 53124 04569 000 000	USB	(PY)
E07	8-6	1430	14717	Sat	603 603 603 1 6395 88 6395 88 78271 24770 32053 ... 67144 53124 04569 000 000	USB	(PY)
E07	11-6	1500	14945	Tue	912 912 912 1 232 141 232 141 15370 33170 13528 ... 16573 49725 66737 000 000	USB	(Lac)
E07	11-6	1520	16145	Tue	912 912 912 1 232 141 232 141 15370 33170 13528 ... 16573 49725 66737 000 000	USB	(Lac)
E07	11-6	1540	18245	Tue	912 912 912 1 232 141 232 141 15370 33170 13528 ... 16573 49725 66737 000 000	USB	(Lac)
E07	13-6	1410	13417	Tue	603 603 603 000	USB	(Subilo)
E07	14-6	1500	14945	Fri	912 612 912 1 232 141 232 141 15370 33170 13528 ... 16573 49725 66737 000 000	USB	(Lac)
E07	14-6	1520	16145	Fri	912 612 912 1 232 141 232 141 15370 33170 13528 ... 16573 49725 66737 000 000	USB	(Lac)
E07	14-6	1540	18245	Fri	912 612 912 1 232 141 232 141 15370 33170 13528 ... 16573 49725 66737 000 000	USB	(Lac)
E07	15-6	1410	13417	Sat	603 603 603 000	USB	(PY)
E07	15-6	1430	14717	Sat	603 603 603 000	USB	(PY)
E07	18-6	1500	14945	Tue	912 912 912 000	USB	(Lac)
E07	20-6	1410	13417	Tue	603 603 603 1 6971 132 6971 132 08496 82127 21263 ... 59450 40283 69207 000 000	USB	(Lac)
E07	20-6	1430	14717	Tue	603 603 603 1 6971 132 6971 132 08496 82127 21263 ... 59450 40283 69207 000 000	USB	(Lac)
E07	21-6	1500	14945	Fri	912 912 912 000	USB	(AB/PY)
E07	21-6	1520	16145	Fri	912 912 912 000	USB	(AB/PY)
E07	22-6	1410	13417	Sat	603 603 603 1 6971 132 6971 132 08496 82127 21263 ... 59450 40283 69207 000 000	USB	(AB/PY)

E07	22-6	1430	14717	Sat	603 603 603 1 6971 132 6971 132 08496 82127 21263 ... 59450 40283 69207 000 000	USB	(AB/PY)
E07	22-6	1450	15817	Sat	603 603 603 1 6971 132 6971 132 08496 82127 21263 ... 59450 40283 69207 000 000	USB	(AB/PY)
E07	25-6	1500	14945	Tue	912 912 912 1 8786 93 8796 93 81471 70430 55075 ... 67642 11173 87114 000 000	USB	(AB/Lac)
E07	25-6	1520	16145	Tue	912 912 912 1 8786 93 8796 93 81471 70430 55075 ... 67642 11173 87114 000 000	USB	(AB/Lac)
E07	25-6	1540	18245	Tue	912 912 912 1 8786 93 8796 93 81471 70430 55075 ... 67642 11173 87114 000 000	USB	(AB/Lac)
E07	27-6	1410	13417	Tue	603 603 603 000	USB	(AB)
E07	27-6	1430	14717	Tue	603 603 603 000	USB	(AB)
E07	28-6	1500	14945	Fri	912 912 912 1 8786 93 8796 93 81471 70430 55075 ... 67642 11173 87114 000 000	USB	(AB)
E07	28-6	1520	16145	Fri	912 912 912 1 8786 93 8796 93 81471 70430 55075 ... 67642 11173 87114 000 000	USB	(AB)
E07	28-6	1540	18245	Fri	912 912 912 1 8786 93 8796 93 81471 70430 55075 ... 67642 11173 87114 000 000	USB	(AB)
E07	29-6	1410	13417	Sat	603 603 603 000	USB	(AB)
E07	29-6	1430	14717	Sat	603 603 603 000	USB	(AB)
E11	1-6	0700	7377	Sat	492/00 Out	USB	(AB)
E11	1-6	1430	12984	Sat	915/00 Out	USB	(AB)
E11	1-6	1610	4783	Sat	399/00 Out	USB	(AB)
E11	1-6	1645	5082	Sat	364/00 Out	USB	(AB)
E11	2-6	0600	9150	Sun	353/00 Out	USB	(AB)
E11	2-6	0700	7377	Sun	490/00 Out	USB	(AB)
E11	2-6	1605	5231	Sun	235/00 Out	USB	(AB)
E11	2-6	1645	5082	Sun	363/00 Out	USB	(AB)
E11	2-6	1745	14410	Sun	245/00 Out	USB	(AB)
E11	2-6	1815	12229	Sun	922/00 Out	USB	(AB)
E11	2-6	1910	9610	Sun	613/00 Out	USB	(AB)
E11	2-6	2000	5409	Sun	522/00 Out	USB	(AB)
E11	3-6	0315	16125	Mon	255/00 Out	USB	(TM)
E11	3-6	0450	7469	Mon	416/00 Out	USB	(AB/Lac)
E11	3-6	0600	20170	Mon	949/00 Out	USB	(AB)
E11	3-6	0715	15915	Mon	753/00 Out	USB	(AB)
E11	3-6	0830	16335	Mon	181/00 Out	USB	(AB/Lac)
E11	3-6	0900	11116	Mon	537/00 Out	USB	(AB/Lac)
E11	3-6	1045	10210	Mon	693/00 Out	USB	(AB/Lac)
E11	3-6	1300	5737	Mon	312/00 Out	USB	(AB/Lac)
E11	3-6	1745	14410	Mon	242/00 Out	USB	(AB/Lac)
E11	3-6	1900	7600	Mon	646/00 Out	USB	(Lac)
E11	4-6	0645	8091	Tue	515/00 Out	USB	(AB/Lac)
E11	4-6	0700	8680	Tue	571/00 Out	USB	(AB/Lac)
E11	4-6	0715	12530	Tue	635/00 Out	USB	(AB/Lac)
E11	4-6	0745	14940	Tue	223/00 Out	USB	(AB/Lac)
E11	4-6	0820	17378	Tue	134/00 Out	USB	(AB/Lac)
E11	4-6	0845	19184	Tue	157/00 Out	USB	(AB/Lac)
E11	4-6	1000	12153	Tue	304/00 Out	USB	(AB/Lac)
E11	4-6	1205	8274	Tue	464/00 Out	USB	(AB/Lac)



E11	4-6	1205	8274	Tue	464/00	USB	(Lac)
E11	4-6	1430	12984	Tue	912/00 Out	USB	(AB/Lac)
E11	4-6	1430	12984	Tue	912/00	USB	(Lac)
E11	4-6	1645	14575	Tue	334/00 Out	USB	(AB/Subilo)
E11	5-6	0315	16125	Wed	250/00 Out	USB	(TM)
E11	5-6	0600	20170	Wed	949/00 Out	USB	(AB/Lac)
E11	5-6	0715	15915	Wed	759/00 Out	USB	(AB/Lac)
E11	5-6	0745	15720	Wed	346/00 Out	USB	(AB/Lac)
E11	5-6	0820	17378	Wed	134/00 Out	USB	(AB/Lac)
E11	5-6	0900	11116	Wed	536/00 Out	USB	(AB/Lac)
E11	5-6	0930	6923	Wed	276/00 Out	USB	(AB/Lac)
E11	5-6	1045	10210	Wed	698/00 Out	USB	(AB/Lac)
E11	5-6	1205	8274	Wed	462/00 Out	USB	(AB/Lac)
E11	5-6	1610	4783	Wed	390/00 Out	USB	(AB/Lac)
E11	5-6	1715	7863	Wed	976/00 Out	USB	(AB/Lac)
E11	6-6	0645	8091	Tue	512/00 Out	USB	(AB/Lac)
E11	6-6	0745	14940	Tue	229/00 Out	USB	(AB/Lac)
E11	6-6	0820	6252	Tue	431/00 Out	USB	(AB/Lac)
E11	6-6	0845	19184	Tue	157/00 Out	USB	(AB/Lac)
E11	6-6	0930	6923	Tue	271/00 Out	USB	(Lac)
E11	6-6	1300	5737	Tue	313/00 Out	USB	(Lac)
E11	6-6	1645	14575	Tue	335/00 Out	USB	(Lac)
E11	6-6	1730	8088	Tue	413/00 Out	USB	(Lac)
E11	6-6	1900	7600	Tue	643/00 Out	USB	(Lac)
E11	6-6	2000	5409	Tue	524/00 Out	USB	(Lac)
E11	7-6	0700	8680	Fri	571/00 Out	USB	(Lac)
E11	7-6	0715	12530	Fri	636/00 Out	USB	(PY)
E11	7-6	0745	15720	Fri	340/00	USB	(Lac)
E11	7-6	0820	6252	Fri	439/00 Out	USB	(PY)
E11	7-6	0830	16335	Fri	184/00 Out	USB	(Lac)
E11	7-6	1000	12153	Fri	305/00 Out	USB	(PY)
E11	7-6	1715	7863	Fri	974/00 Out	USB	(Rycat)
E11	7-6	1815	12229	Fri	922/00 Out	USB	(Rycat)
E11	7-6	1910	9610	Fri	612/00 Out	USB	(EL)
E11	8-6	1430	12984	Sat	918/00 Out	USB	(PY)
E11	8-6	1610	4783	Sat	393/00 Out	USB	(PY)
E11	8-6	1645	5082	Sat	369/00 Out	USB	(PY)
E11	9-6	0600	9150	Sun	352/40 Out	USB	(Subilo)
E11	9-6	0700	7377	Sun	492/00 Out	USB	(PY)
E11	9-6	1645	5082	Sun	369/00 Out	USB	(Rycat)
E11	9-6	1745	14410	Sun	249/00 Out	USB	(PY)
E11	9-6	1815	12229	Sun	922/00 Out	USB	(Rycat)

E11	9-6	1910	9610	Sun	613/00 Out	USB	(Rycat)
E11	9-6	2000	5409	Sun	521/00 Out	USB	(Rycat)
E11	10-6	0600	20170	Mon	940/00 Out	USB	(Lac)
E11	10-6	0745	9610	Mon	264/00 Out	USB	(PY)
E11	10-6	0830	16335	Mon	184/00 Out	USB	(PY)
E11	10-6	0845	12815	Mon	714/00 Out	USB	(PY)
E11	10-6	0900	11116	Mon	534/00 Out	USB	(PY)
E11	10-6	1045	10210	Mon	691/00 Out	USB	(PY)
E11	10-6	1300	5737	Mon	312/00 Out	USB	(PY)
E11	10-6	1745	14410	Mon	244/00 Out	USB	(Subilo)
E11	10-6	1900	7600	Mon	648/00 Out	USB	(PY)
E11	11-6	0645	8091	Tue	519/00 Out	USB	(PY)
E11	11-6	0700	8680	Tue	574/00 Out	USB	(PY)
E11	11-6	0715	12530	Tue	637/00 Out	USB	(PY)
E11	11-6	0745	14940	Tue	227/00 Out	USB	(PY)
E11	11-6	0820	17378	Tue	132/00 Out	USB	(PY)
E11	11-6	1205	8274	Tue	460/00 Out	USB	(PY)
E11	11-6	1430	12984	Tue	919/00 Out	USB	(Lac)
E11	11-6	1605	5231	Tue	238/00 Out	USB	(Rycat)
E11	12-6	0600	20170	Wed	944/00 Out	USB	(PY)
E11	12-6	0745	15720	Wed	343/00 Out	USB	(PY)
E11	12-6	0820	17378	Wed	130/00 Out	USB	(PY)
E11	12-6	0845	12815	Wed	??-/00 Out	USB	(PY)
E11	12-6	0900	11116	Wed	534/00 Out	USB	(PY)
E11	12-6	1045	10210	Wed	698/00 Out	USB	(PY)
E11	12-6	1205	8274	Wed	461/00 Out	USB	(PY)
E11	12-6	1610	4783	Wed	391/00 Out	USB	(Rycat)
E11	12-6	1715	7863	Wed	976/00 Out	USB	(PY)
E11	13-6	0645	8091	Tue	514/00 Out	USB	(PY)
E11	13-6	0745	14940	Tue	228/00 Out	USB	(PY)
E11	13-6	0820	6252	Tue	432/00 Out	USB	(PY)
E11	13-6	1300	5737	Tue	311/00 Out	USB	(PY)
E11	13-6	1530	10356	Tue	269/00 Out	USB	(Rycat)
E11	13-6	1900	7600	Tue	646/00 Out	USB	(Rycat)
E11	13-6	2000	5409	Tue	528/00 Out	USB	(PY)
E11	14-6	0600	9150	Fri	359/00 Out	USB	(PY)
E11	14-6	0700	8680	Fri	573/00 Out	USB	(PY)
E11	14-6	0715	12530	Fri	631/00 Out	USB	(PY)
E11	14-6	0745	15720	Fri	346/00 Out	USB	(PY)
E11	14-6	0830	16335	Fri	184/00 Out	USB	(PY)
E11	14-6	1715	7863	Fri	975/00 Out	USB	(PY)
E11	14-6	1815	12229	Fri	920/00 Out	USB	(PY)



E11	15-6	1430	12984	Sat	918/00 Out	USB	(Subilo)
E11	15-6	1610	4783	Sat	399/00 Out	USB	(Subilo)
E11	15-6	1645	5082	Sat	365/00 Out	USB	(Subilo)
E11	16-6	0600	9150	Sun	354/00 Out	USB	(Subilo)
E11	16-6	0700	7377	Sun	492/00 Out	USB	(Subilo)
E11	16-6	1605	5231	Sun	235/00 Out	USB	(PY)
E11	16-6	1645	5082	Sun	367/00 Out	USB	(Rycat)
E11	16-6	1745	14410	Sun	242/00 Out	USB	(Rycat)
E11	16-6	1815	12229	Sun	926/00 Out	USB	(Rycat)
E11	16-6	2000	5409	Sun	521/00 Out	USB	(PY)
E11	17-6	0315	16125	Mon	259/00 Out	USB	(Subilo)
E11	17-6	0450	7469	Mon	415/00 Out	USB	(Lac)
E11	17-6	0715	15915	Mon	753/00 Out	USB	(PY)
E11	17-6	0745	9610	Mon	268/00 Out	USB	(PY)
E11	17-6	0845	12815	Mon	715/00 Out	USB	(PY)
E11	17-6	1045	10210	Mon	691/00 Out	USB	(PY)
E11	17-6	1300	5737	Mon	311/00 Out	USB	(PY)
E11	17-6	1745	14410	Mon	244/00 Out	USB	(Rycat)
E11	18-6	0645	8091	Tue	510/00 Out	USB	(PY)
E11	18-6	0700	8680	Tue	570/00 Out	USB	(PY)
E11	18-6	0820	17378	Tue	133/00 Out	USB	(PY)
E11	18-6	0845	19184	Tue	152/00 Out	USB	(PY)
E11	18-6	1605	5231	Tue	231/00 Out	USB	(PY)
E11	18-6	1645	14575	Tue	338/00 Out	USB	(Rycat)
E11	19-6	0315	16125	Wed	256/00 Out	USB	(Subilo)
E11	19-6	1715	7863	Wed	974/00 Out	USB	(Rycat)
E11	20-6	0645	8091	Tue	517/00 Out	USB	(PY)
E11	20-6	0820	6252	Tue	430/00 Out	USB	(PY)
E11	20-6	0845	19184	Tue	156/00 Out	USB	(PY)
E11	20-6	0930	6923	Tue	273/00 Out	USB	(PY)
E11	20-6	1300	5737	Tue	311/00 Out	USB	(PY)
E11	20-6	1530	10356	Tue	264/00 Out	USB	(PY)
E11	20-6	1645	14575	Tue	337/00 Out	USB	(PY)
E11	20-6	1730	8088	Tue	413/00 Out	USB	(AB)
E11	20-6	1730	8088	Tue	413/00 Out	USB	(Rycat)
E11	21-6	0600	9150	Fri	351/00 Out	USB	(AB/PY)
E11	21-6	0700	8680	Fri	576/00 Out	USB	(AB/Subilo)
E11	21-6	0820	6252	Fri	432/00 Out	USB	(AB-POL/PY)
E11	21-6	1000	12153	Fri	308/00 Out	USB	(AB/PY)
E11	21-6	1715	7863	Fri	975/00 Out	USB	(AB/PY)
E11	21-6	1910	9610	Fri	617/00 Out	USB	(AB/PY)
E11	22-6	0700	7377	Sat	497/00 Out	USB	(AB/PY)

E11	22-6	1645	5082	Sat	364/00 Out	USB	(AB/Rycat)
E11	23-6	0600	9150	Sun	351/00 Out	USB	(AB/PY)
E11	23-6	0700	7377	Sun	491/00 Out	USB	(AB/PY)
E11	23-6	1605	5231	Sun	236/00 Out	USB	(AB-POL/PY)
E11	23-6	1645	5082	Sun	363/00 Out	USB	(AB/PY)
E11	23-6	1745	14410	Sun	246/00 Out	USB	(AB/PY)
E11	23-6	1910	9610	Sun	613/00 Out	USB	(AB/PY)
E11	24-6	0315	16125	Mon	253/00 Out	USB	(TM/Subilo)
E11	24-6	0450	7469	Mon	410/00 Out	USB	(AB/Subilo)
E11	24-6	0600	20170	Mon	942/00 Out	USB	(AB/PY)
E11	24-6	0715	15915	Mon	751/00 Out	USB	(AB/PY)
E11	24-6	0745	9610	Mon	261/00 Out	USB	(AB/PY)
E11	24-6	0830	16335	Mon	183/00 Out	USB	(AB/PY)
E11	24-6	0845	12815	Mon	719/00 Out	USB	(PY)
E11	24-6	0900	11116	Mon	536/00 Out	USB	(AB/PY)
E11	24-6	1900	7600	Mon	644/00 Out	USB	(AB/PY)
E11	25-6	0715	12530	Tue	633/00 Out	USB	(AB/PY)
E11	25-6	0745	14940	Tue	227/00 Out	USB	(AB/PY)
E11	25-6	1000	12153	Tue	306/00 Out	USB	(AB)
E11	25-6	1205	8274	Tue	462/00 Out	USB	(AB/PY)
E11	25-6	1430	12984	Tue	917/00 Out	USB	(AB)
E11	25-6	1605	5231	Tue	230/00 Out	USB	(AB-POL)
E11	26-6	0315	16125	Wed	255/00 Out	USB	(PY)
E11	26-6	0600	20170	Wed	941/00 Out	USB	(AB-POL/Lac)
E11	26-6	0715	15915	Wed	754/00 Out	USB	(AB/PY)
E11	26-6	0745	15720	Wed	346/00 Out	USB	(AB)
E11	26-6	0845	12815	Wed	713/00 Out	USB	(AB/PY)
E11	26-6	0900	11116	Wed	530/00 Out	USB	(AB/PY)
E11	26-6	0930	6923	Wed	276/00 Out	USB	(AB-POL/PY)
E11	26-6	1205	8274	Wed	469/00 Out	USB	(AB/PY)
E11	26-6	1610	4783	Wed	392/00 Out	USB	(AB/PY)
E11	27-6	0745	14940	Tue	229/00 Out	USB	(AB)
E11	27-6	0930	6923	Tue	275/00 Out	USB	(TM)
E11	27-6	1530	10356	Tue	261/00 Out	USB	(AB)
E11	27-6	1645	14575	Tue	338/00 Out	USB	(AB-POL)
E11	27-6	1730	8088	Tue	416/00 Out	USB	(AB)
E11	27-6	1900	7600	Tue	640/00 Out	USB	(AB)
E11	27-6	2000	5409	Tue	528/00 Out	USB	(AB)
E11	28-6	0600	9150	Fri	354/00 Out	USB	(AB)
E11	28-6	0715	12530	Fri	637/00 Out	USB	(AB)
E11	28-6	0745	15720	Fri	340/00 Out	USB	(AB)
E11	28-6	0830	16335	Fri	185/00 Out	USB	(AB)

E11	28-6	1000	12153	Fri	309/00 Out	USB	(AB)
E11	28-6	1815	12229	Fri	929/00 Out	USB	(AB-POL)
E11	28-6	1910	9610	Fri	611/00 Out	USB	(AB)
E11	29-6	1430	12984	Sat	917/00 Out	USB	(AB)
E11	29-6	1610	4783	Sat	394/00 Out	USB	(AB)
E11	30-6	0600	9150	Sun	358/00 Out	USB	(AB)
E11	30-6	1605	5231	Sun	238/00 Out	USB	(AB-POL)
E11	30-6	1910	9610	Sun	610/00 Out	USB	(AB)
E11	30-6	2000	5409	Sun	522/00 Out	USB	(AB)
E11a	3-6	0745	9610	Mon	261/38 Attention 49402 39057 48041 ... 66936 89191 34830 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	3-6	0845	12815	Mon	716/34 Attention 34251 10128 58973 ... 40430 30679 53808 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	4-6	1605	5231	Tue	238/37 Attention 74890 09526 84627 ... 69421 23681 06143 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	5-6	0845	12815	Wed	716/34 Attention 34251 10128 58973 ... 40430 30679 53808 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	6-6	1530	10356	Tue	261/38 Attention 49402 39057 48041 ... 66936 89191 34830 Attention (msg rptd) Out	USB	(Subilo/PY)
E11a	7-6	0600	9150	Fri	352/40 Attention 52990 27272 03353 ... 41905 90687 36836 Attention (msg rptd) Out	USB	(Subilo)
E11a	9-6	0600	9150	Sun	352/40 Attention 52990 27272 03353 ... 41905 90687 36836 Attention (msg rptd) Out	USB	(Subilo)
E11a	9-6	1605	5231	Sun	238/37 Attention 74890 09526 84627 ... 69421 23681 06143 Attention (msg rptd) Out	USB	(EL/Subilo)
E11a	10-6	0315	16125	Mon	251/31 Attention 49133 16532 75749 ... 72097 24487 14506 Attention (msg rptd) Out	USB	(Subilo)
E11a	10-6	0450	7469	Mon	418/34 Attention 08980 15037 44149 ... 17563 09912 53740 Attention (repeat message) Out	USB	(Lac/Subilo)
E11a	10-6	0715	15915	Mon	759/32 Attention 18395 32721 50560 ... 27046 00349 97076 Attention (repeat message) Out	USB	(Lac)
E11a	10-6	0715	18030	Mon	759/32 Attention 18395 32721 50560 ... 27046 00349 97076 Attention (msg rptd) Out	USB	(Subilo)
E11a	11-6	1000	12153	Tue	300/21 Attention 20220 88904 41753 ... 46287 4083200644 Attention (msg rptd) Out	USB	(Subilo)
E11a	11-6	1645	14575	Tue	335/36 Attention 04024 60266 02209 ... 05177 33369 01462 Attention (msg rptd) Out	USB	(Subilo)
E11a	12-6	0315	16125	Wed	251/31 Attention 49133 16532 75749 ... 72097 24487 14506 Attention (msg rptd) Out	USB	(Subilo)
E11a	12-6	0715	18030	Wed	759/32 Attention 18395 32721 50560 ... 27046 00349 97076 Attention (msg rptd) Out	USB	(Subilo)
E11a	12-6	0930	6923	Wed	279/31 Attention 16653 84644 36388 ... 00778 55504 15495 Attention (msg rptd) Out	USB	(Subilo)
E11a	13-6	0930	6923	Tue	279/31 Attention 16653 84644 36388 ... 00778 55504 15495 Attention (msg rptd) Out	USB	(Subilo/Rycat)
E11a	13-6	1645	14575	Tue	335/36 Attention 04024 60266 02209 ... 05177 33369 01462 Attention (msg rptd) Out	USB	(Subilo)
E11a	13-6	1730	8088	Tue	418/34 Attention 08980 15037 44149 ... 17563 09912 53740 Attention (msg rptd) Out	USB	(Subilo/Rycat)
E11a	14-6	1000	12153	Fri	300/21 Attention 20220 88904 41753 ... 46287 4083200644 Attention (msg rptd) Out	USB	(Subilo)
E11a	16-6	1910	9610	Sun	612/38 Attention 83996 40859 42303 ... 19042 54171 96295 Attention (msg rptd) Out	USB	(Rycat/Subilo)
E11a	17-6	0600	20170	Mon	941/37 Attention 54923 82968 01772 ... 45166 07281 38902 Attention (msg rptd) Out	USB	(Subilo/Lac)
E11a	17-6	0830	16335	Mon	181/26 Attention 71740 77642 61395 ... 87768 76494 18749 Attention (msg rptd) Out	USB	(PY/Subilo)
E11a	17-6	0900	11116	Mon	536/33 Attention 98355 09369 74385 ... 59179 62921 64108 Attention (msg rptd) Out	USB	(Subilo/Lac)
E11a	17-6	1900	7600	Mon	640/37 Attention 00893 40514 55876 ... 61947 39768 85080 Attention (msg rptd) Out	USB	(Subilo)
E11a	18-6	0715	12530	Tue	634/35 Attention 46904 10205 34082 ... 19450 53765 09674 Attention (msg rptd) Out	USB	(Subilo)
E11a	18-6	0745	14940	Tue	228/38 Attention 45797 07935 05077 ... 09985 05111 02287 Attention (msg rptd) Out	USB	(Subilo)
E11a	18-6	1205	8274	Tue	463/37 Attention 67054 27290 90340 ... 20558 91002 78234 Attention (msg rptd) Out...	USB	(PY)
E11a	18-6	1430	13363	Tue	912/35 Attention 63518 04299 43866 ... 04925 63398 80755 Attention (msg rptd) Out	USB	(Subilo)
E11a	19-6	0600	20170	Wed	941/37 Attention 54923 82968 01772 ... 45166 07281 38902 Attention (msg rptd) Out	USB	(Subilo)

E11a	19-6	0745	15720	Wed	349/37 Attention 31075 99839 64514 ...427 27122 97100 Attention (msg rptd) Out	USB	(Subilo)
E11a	19-6	0900	11116	Wed	536/33 Attention 98355 09369 74385 ... 59179 62921 64108 Attention (msg rptd) Out	USB	(Subilo)
E11a	19-6	1205	8274	Wed	463/37 Attention 67054 27290 90340 ... 20558 91002 78234 Attention (msg rptd) Out	USB	(PY)
E11a	19-6	1610	4783	Wed	393/33 Attention 66085 43280 27253 ... 31484 65484 35265 Attention (msg rptd) Out	USB	(Rycat/Subilo)
E11a	20-6	0745	14940	Tue	228/38 Attention 45797 07935 05077 ... 09985 05111 02287 Attention (msg rptd) Out	USB	(Subilo)
E11a	20-6	1900	7600	Tue	640/37 Attention 00893 40514 55876 ... 61947 39768 85080 Attention (msg rptd) Out	USB	(Subilo/Rycat)
E11a	20-6	2000	5409	Tue	520/35 Attention 52114 90182 48659 ... 05450 19287 73184 Attention (msg rptd) Out	USB	(AB/Rycat/Subilo)
E11a	21-6	0715	12530	Fri	634/35 Attention 46904 10205 34082 ... 19450 53765 09674 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	21-6	0745	15720	Fri	349/37 Attention 31075 99839 64514 ... 01427 27122 97100 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	21-6	0830	16335	Fri	181/26 Attention 71740 77642 61395 ... 87768 76494 18749 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	21-6	1815	12229	Fri	924/36 Attention 98457 85794 97878 ... 54527 37812 53209 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	22-6	1430	13363	Sat	912/35 Attention 63518 04299 43866 ... 04925 63398 80755 Attention (msg rptd) Out	USB	(Subilo)
E11a	22-6	1610	4783	Sat	393/33 Attention 66085 43280 27253 ... 31484 65484 35265 Attention (msg rptd) Out	USB	(Subilo)
E11a	23-6	1815	12229	Sun	924/36 Attention 98457 85794 97878 ... 54527 37812 53209 Attention (msg rptd) Out	USB	(Subilo)
E11a	23-6	2000	5409	Sun	520/35 Attention 52114 90182 48659 ... 05450 19287 73184 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	24-6	1045	10210	Mon	697/24 Attention 37690 19702 08787 ... 64992 26368 59637 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	24-6	1300	5737	Mon	314/33 Attention 97903 74741 10737 ... 37098 31844 81353 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	24-6	1745	14410	Mon	246/30 Attention 27769 56172 81803 ... 74885 93303 72012 Attention (msg rptd) Out	USB	(AB/Rycat/Subilo)
E11a	25-6	0645	8091	Tue	517/35 Attention 63350 63460 86079 ... 46460 22970 63897 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	25-6	0700	8680	Tue	575/39 Attention 11645 46009 59773 ... 95703 96027 92208 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	25-6	0820	17378	Tue	130/39 Attention 67644 92476 50535 ... 53190 95471 01407 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	25-6	0845	19184	Tue	159/32 Attention 54851 69482 35383 ... 80539 32015 71981 Attention (msg rptd) Out	USB	(AB/PY/Subilo/Lac)
E11a	26-6	0820	17378	Wed	130/39 Attention 67644 92476 50535 ... 53190 95471 01407 Attention (msg rptd) Out	USB	(AB-POL/PY)
E11a	26-6	1045	10210	Wed	697/24 Attention 37690 19702 08787 ... 64992 26368 59637 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	26-6	1715	7863	Wed	975/32 Attention 00201 31766 28619 ... 98307 63772 61035 Attention (msg rptd) Out	USB	(AB/PY/Subilo)
E11a	27-6	0645	8091	Tue	517/35 Attention 63350 63460 86079 ... 46460 22970 63897 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	27-6	0820	6252	Tue	432/39 Attention 92451 90859 95128 ... 86870 23020 99906 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	27-6	0845	19184	Tue	159/32 Attention 54851 69482 35383 ... 80539 32015 71981 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	27-6	1300	5737	Tue	314/33 Attention 97903 74741 10737 ... 37098 31844 81353 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	28-6	0700	8680	Fri	575/39 Attention 11645 46009 59773 ... 95703 96027 92208 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	28-6	0820	6252	Fri	432/39 Attention 92451 90859 95128 ... 86870 23020 99906 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	28-6	1715	7863	Fri	975/32 Attention 00201 31766 28619 ... 98307 63772 61035 Attention (msg rptd) Out	USB	(AB)
E11a	28-6	1715	7863	Fri	975/32 Attention 00201 31766 28619 ... 98307 63772 61035 Attention (msg rptd) Out	USB	(Subilo)
E11a	29-6	0700	7377	Sat	492/38 Attention 28694 37753 25257 ... 79561 56123 42844 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	29-6	1645	5082	Sat	366/39 Attention 03621 76475 48813 ... 64367 29294 51371 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	30-6	0700	7377	Sun	492/38 Attention 28694 37753 25257 ... 79561 56123 42844 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	30-6	1645	5082	Sun	366/39 Attention 03621 76475 48813 ... 64367 29294 51371 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	30-6	1745	14410	Sun	246/30 Attention 27769 56172 81803 ... 74885 93303 72012 Attention (msg rptd) Out	USB	(AB/Subilo)
EGY	5-6	1403	23190	Wed	Egyptian diplo	Codan	(AB)
F01	3-6	0230	13370	Mon	43110 88602 49652 ... 08518 55812 56251 00000 00000 +++++	FSK 200/500	(PY)
F01	3-6	0230	13370	Mon	43110 88602 49652 ... 08518 55812 03251 00000 00000 +++++	FSK 200/500	(PY)
F01	3-6	0240	11538	Mon	43110 88602 49652 ... 08518 55812 56251 00000 00000 +++++	FSK 200/500	(PY)

F01	3-6	0240	11538	Mon	43110 88602 49652 ... 08518 55812 03251 00000 00000 +++++	FSK 200/500	(PY)
F01	3-6	0250	10614	Mon	43110 88602 49652 ... 08518 55812 56251 00000 00000 +++++	FSK 200/500	(PY)
F01	3-6	0250	10614	Mon	43110 88602 49652 ... 08518 55812 03251 00000 00000 +++++	FSK 200/500	(PY)
F01	3-6	1015	11487	Mon	66229 59733 27602 ... 23488 55456 66429 00000 +++++	FSK 200/500	(AB-RUS)
F01	3-6	1025	9376	Mon	66229 59733 27602 ... 23488 55456 66429 00000 +++++	FSK 200/500	(AB-S)
F01	3-6	1035	7591	Mon	66229 59733 27602 ... 23488 55456 66429 00000 +++++	FSK 200/500	(AB-S)
F01	4-6	1015	11487	Tue	Two messages	FSK 200/500	(AB-RUS)
F01	4-6	1025	9376	Tue	Two messages	FSK 200/500	(AB-S)
F01	4-6	1035	7591	Tue	Two messages	FSK 200/500	(AB-S)
F01	5-6	0230	13370	Wed	26733 49558 67551 ... 75687 75166 57113 00000 00000 +++++	FSK 200/500	(PY)
F01	5-6	0240	11538	Wed	26733 49558 67551 ... 75687 75166 57113 00000 00000 +++++	FSK 200/500	(PY)
F01	5-6	0250	10614	Wed	26733 49558 67551 ... 75687 75166 57113 00000 00000 +++++	FSK 200/500	(PY)
F01	5-6	1840	14621	Wed	00000 +++++ +++++	FSK 200/500	(AB/PY)
F01	5-6	1850	12206	Wed	00000 +++++ +++++	FSK 200/500	(AB/PY)
F01	5-6	1900	10465	Wed	00000 +++++ +++++	FSK 200/500	(AB/PY)
F01	6-6	0230	13370	Tue	26733 49558 67551 ... 75687 75166 57113 00000 00000 +++++	FSK 200/500	(PY)
F01	6-6	0240	11538	Tue	26733 49558 67551 ... 75687 75166 57113 00000 00000 +++++	FSK 200/500	(PY)
F01	6-6	0250	10614	Tue	26733 49558 67551 ... 75687 75166 57113 00000 00000 +++++	FSK 200/500	(PY)
F01	7-6	0230	13370	Fri	00000 +++++ +++++ wrong 1000Hz shift	FSK 200/1000	(PY)
F01	7-6	0240	11538	Fri	00000 +++++ +++++ wrong 1000Hz shift	FSK 200/1000	(PY)
F01	7-6	0250	10614	Fri	00000 +++++ +++++ wrong 1000Hz shift	FSK 200/1000	(PY)
F01	7-6	1015	11487	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	10-6	0230	13370	Mon	+++++ +++++ +++++	FSK 200/500	(PY)
F01	10-6	0240	11538	Mon	+++++ +++++ +++++	FSK 200/500	(PY)
F01	10-6	0250	10614	Mon	+++++ +++++ +++++	FSK 200/500	(PY)
F01	10-6	1015	11487	Mon	08445 88609 21758 ... 64883 25461 72431 00000 +++++ +++++	FSK 200/500	(PY)
F01	11-6	0230	13370	Tue	21460 39308 09759 ... 60489 59430 58208 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	11-6	0240	11538	Tue	21460 39308 09759 ... 60489 59430 58208 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	11-6	0250	10614	Tue	21460 39308 09759 ... 60489 59430 58208 00000 00000 +++++ +++++	FSK 200/500	(PY)
F01	11-6	1015	11487	Tue	Message. Too poor to decode	FSK 200/500	(PY)
F01	12-6	1015	11487	Wed	24548 83797 60277 ... 01926 75429 00000 +++++	FSK 200/500	(PY)
F01	13-6	0230	13370	Tue	_____ ... 64138 61258 00000 00000 +++++	FSK 200/500	(PY)
F01	13-6	0240	11538	Tue	_____ ... 64138 61258 00000 00000 +++++	FSK 200/500	(PY)
F01	13-6	0250	10614	Tue	_____ ... 64138 61258 00000 00000 +++++	FSK 200/500	(PY)
F01	13-6	1015	11487	Tue	Two messages	FSK 200/500	(PY/HFD)
F01	13-6	1025	9376	Tue	Two messages	FSK 200/500	(HFD-POL)
F01	14-6	1015	11487	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	17-6	0230	13370	Mon	75172 44683 10301 ... 03231 66826 62350 00000 00000 +++++	FSK 200/500	(PY)
F01	17-6	0240	11538	Mon	75172 44683 10301 ... 03231 66826 62350 00000 00000 +++++	FSK 200/500	(PY)
F01	17-6	0250	10614	Mon	75172 44683 10301 ... 03231 66826 62350 00000 00000 +++++	FSK 200/500	(PY)
F01	17-6	1015	11487	Mon	23052 66480 01071 ... 97048 23082 78441 00000 +++++	FSK 200/500	(PY)
F01	18-6	0230	13370	Tue	75172 44683 10301 ... 03231 66826 62350 00000 00000 +++++	FSK 200/500	(PY)



F01	18-6	0240	11538	Tue	75172 44683 10301 ... 03231 66826 62350 00000 00000 +++++	FSK 200/500	(PY)
F01	18-6	0250	10614	Tue	75172 44683 10301 ... 03231 66826 62350 00000 00000 +++++	FSK 200/500	(PY)
F01	18-6	1015	11487	Tue	Two messages	FSK 200/500	(PY)
F01	19-6	0230	13370	Wed	61837 66073 18016 ... 26821 28563 63312 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	19-6	0240	11538	Wed	61837 66073 18016 ... 26821 28563 63312 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	19-6	0250	10614	Wed	61837 66073 18016 ... 26821 28563 63312 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	19-6	1015	11487	Wed	28512 13746 66424 ... 93633 81437 00000 +++++ +++++	FSK 200/500	(PY)
F01	20-6	0230	13370	Tue	61837 66073 18016 ... 26821 28563 63312 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	20-6	0240	13370	Tue	61837 66073 18016 ... 26821 28563 63312 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	20-6	0246	11538	Tue	61837 66073 18016 ... 26821 28563 63312 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	20-6	0250	10614	Tue	61837 66073 18016 ... 26821 28563 63312 00000 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	20-6	1015	11487	Tue	Two messages	FSK 200/500	(PY)
F01	21-6	0230	13370	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	21-6	0240	11538	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	21-6	0250	10614	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	21-6	1015	11487	Fri	00000 +++++ +++++	FSK 200/500	(AB/PY)
F01	21-6	1025	9376	Fri	00000 +++++ +++++	FSK 200/500	(AB-S)
F01	21-6	1035	7591	Fri	00000 +++++ +++++	FSK 200/500	(AB-S)
F01	24-6	0240	11537.25	Mon	Idle carrier	FSK 200/500	(PY)
F01	24-6	1015	11487	Mon	24827 99426 34506 ... 29915 73427 84411 00000 +++++	FSK 200/500	(AB/PY)
F01	24-6	1025	9376	Mon	24827 99426 34506 ... 29915 73427 84411 00000 +++++	FSK 200/500	(AB)
F01	24-6	1035	7591	Mon	24827 99426 34506 ... 29915 73427 84411 00000 +++++	FSK 200/500	(AB)
F01	25-6	0250	10614	Tue	58134 43289 13559 ... _____ 32651 67000 00000 00+++ +++++ +++++	FSK 100/500	(PY)
F01	25-6	1015	11487	Tue	Two messages	FSK 200/500	(AB-RUS/PY)
F01	25-6	1025	9376	Tue	Two messages	FSK 200/500	(AB-S)
F01	25-6	1035	7591	Tue	Two messages	FSK 200/500	(AB-S)
F01	26-6	0230	13370	Wed	Messages 66 and 67	FSK 200/500	(PY)
F01	26-6	0240	11538	Wed	Messages 66 and 67	FSK 200/500	(PY)
F01	26-6	0250	10614	Wed	Messages 66 and 67	FSK 200/500	(PY)
F01	26-6	1015	11487	Wed	89187 76505 95441 ... 72670 86266 87447 00000 +++++	FSK 200/500	(AB-RUS/PY)
F01	26-6	1025	9376	Wed	89187 76505 95441 ... 72670 86266 87447 00000 +++++	FSK 200/500	(AB-S)
F01	26-6	1035	7591	Wed	89187 76505 95441 ... 72670 86266 87447 00000 +++++	FSK 200/500	(AB-S)
F01	27-6	0230	13370	Tue	Messages 66 and 67	FSK 200/500	(PY)
F01	27-6	0240	11538	Tue	Messages 66 and 67	FSK 200/500	(PY)
F01	27-6	0250	10614	Tue	Messages 66 and 67	FSK 200/500	(PY)
F01	27-6	1015	11487	Tue	Two messages	FSK 200/500	(AB-RUS)
F01	27-6	1025	9376	Tue	Two messages	FSK 200/500	(AB-S)
F01	27-6	1035	7591	Tue	Two messages	FSK 200/500	(AB-S)
F01	28-6	0230	13370	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	28-6	0240	11538	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	28-6	0250	10614	Fri	00000 +++++ +++++	FSK 200/500	(PY)
F01	28-6	1015	11487	Fri	00000 +++++ +++++	FSK 200/500	(AB-RUS)

<b>F01</b>	28-6	1025	9376	Fri	00000 +++++ +++++	FSK 200/500	(AB-S)
<b>F01</b>	28-6	1035	7591	Fri	00000 +++++ +++++	FSK 200/500	(AB-S)
<b>F02</b>	20-6	1102	6971	Tue	Russian domestic (presumably two-way link)	MFSK-4/150Bd/4000Hz	(PY)
<b>F02</b>	20-6	1102	6987	Tue	Russian domestic (presumably two-way link)	MFSK-4/150Bd/4000Hz	(PY)
<b>F03j</b>	3-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	3-6	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	3-6	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	3-6	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	4-6	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0615	15905	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0620	15905	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0950	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	0955	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	1100	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5-6	1105	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	6-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0430	16125	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0435	16125	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0615	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0620	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0730	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0735	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0805	5737	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	6-6	0915	6304	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	7-6	0800	5737	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)

<b>F03j</b>	7-6	0805	5737	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	7-6	0855	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	7-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	7-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	10-6	0615	15905	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	10-6	0620	15905	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	10-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	10-6	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0615	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0810	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0815	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	11-6	1100	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	12-6	0430	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	12-6	0620	15905	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	12-6	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	12-6	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	12-6	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	12-6	1100	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0430	16125	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0615	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0620	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0735	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0740	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0800	5737	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0805	5737	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	0920	6304	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	1020	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	13-6	1025	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	14-6	0800	5737	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	14-6	0810	17120	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	14-6	0815	17120	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)



<b>F03j</b>	14-6	0850	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	14-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	14-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	0615	15905	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	0810	17120	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	0815	17120	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	0950	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	0955	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	17-6	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0615	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0620	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0715	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0720	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0810	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	18-6	1100	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	19-6	0430	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0430	16125	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0435	16125	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0615	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0620	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0720	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0725	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0735	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0740	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0800	5737	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0820	5737	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	20-6	0915	6304	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)

<b>F03j</b>	20-6	0920	6304	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	21-6	0800	5737	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	21-6	0805	5737	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	21-6	0810	17120	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	21-6	0815	17120	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	21-6	0850	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	21-6	0855	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	21-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/PY)
<b>F03j</b>	21-6	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/PY)
<b>F03j</b>	24-6	0615	15905	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	24-6	0620	15905	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	24-6	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	24-6	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	24-6	0810	17120	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	24-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	24-6	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	24-6	0950	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	24-6	0955	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
<b>F03j</b>	24-6	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	24-6	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	0615	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-6	0620	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-6	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-6	0810	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	0815	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	1100	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	25-6	1105	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-6	0615	15905	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	26-6	0620	15905	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-6	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	26-6	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-6	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	26-6	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)

<b>F03j</b>	26-6	0950	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	26-6	0955	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-6	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
<b>F03j</b>	26-6	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-6	1100	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-6	1105	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0430	16125	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0435	16125	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0615	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0620	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0720	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0725	11092	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0735	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0740	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0800	5737	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	27-6	0805	5737	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	27-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-6	0915	6304	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(TM)
<b>F03j</b>	27-6	0920	6304	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(TM)
<b>F03j</b>	28-6	0800	5737	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	0805	5737	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	0810	17120	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	0815	17120	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	0850	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	0855	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	28-6	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	28-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03l</b>	3-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03l</b>	3-6	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03l</b>	4-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03l</b>	4-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03l</b>	5-6	0530	14975	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03l</b>	5-6	0535	14975	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03l</b>	6-6	1800	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03l</b>	6-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)

<b>F03I</b>	10-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(Rycat)
<b>F03I</b>	11-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	12-6	0535	14975	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	13-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	13-6	1830	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	17-6	0530	14975	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	17-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	18-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	19-6	0530	14975	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	20-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	20-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	20-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	20-6	1830	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	20-6	1835	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	24-6	0530	14975	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	24-6	0535	14975	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	24-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	24-6	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	25-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	25-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	26-6	0530	14975	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	26-6	0535	14975	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	27-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	27-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	27-6	1830	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	27-6	1835	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F06</b>	2-6	1530	20945	Sun	11166 10053 12378 31072 01689	FSK 200/100	(AB)
<b>F06</b>	2-6	1540	17515	Sun	11166 10053 12378 31072 01689	FSK 200/100	(AB)
<b>F06</b>	2-6	1550	15677	Sun	11166 10053 12378 31072 01689	FSK 200/100	(AB)
<b>F06</b>	3-6	0100	17532	Mon	cf -500Hz idle carrier	FSK 200/1000	(PY)
<b>F06</b>	3-6	0110	16351	Mon	500Hz idle carrier then F06 modulation start at 0313z	FSK 200/1000	(PY)
<b>F06</b>	3-6	0120	14428	Mon	11100 09501 00000 03065 02619	FSK 200/1000	(PY)
<b>F06</b>	3-6	0400	12194	Mon	11166 70059 18934 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
<b>F06</b>	3-6	0410	10943	Mon	11166 70059 18934 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	3-6	0420	8116	Mon	11166 70059 18934 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	3-6	0800	10198	Mon	11100 00000 69351 31040 02139	FSK 200/1000	(AB)
<b>F06</b>	3-6	0810	8082	Mon	11100 00000 69351 31040 02139	FSK 200/1000	(AB)
<b>F06</b>	3-6	0820	6833	Mon	11100 00000 69351 31040 02139	FSK 200/1000	(AB)
<b>F06</b>	3-6	1530	20945	Mon	11166 10053 12378 31072 01689	FSK 200/100	(AB/PY)
<b>F06</b>	3-6	1540	17515	Mon	11166 10053 12378 31072 01689	FSK 200/100	(AB/PY)
<b>F06</b>	3-6	1550	15677	Mon	11166 10053 12378 31072 01689	FSK 200/100	(AB/PY)
<b>F06</b>	4-6	0030	14929	Tue	11166 60070 78963 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)

F06	4-6	0040	12133	Tue	11166 60070 78963 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	4-6	0050	10359	Tue	11166 60070 78963 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-6	0100	17532	Tue	11100 09501 00000 03065 02619	FSK 200/1000	(PY)
F06	4-6	0700	11474	Tue	11166 70202 50481 03064 02239 and 11166 70202 35827 03065 01079	FSK 200/1000	(AB)
F06	4-6	0710	9234	Tue	11166 70202 50481 03064 02239 and 11166 70202 35827 03065 01079	FSK 200/1000	(AB)
F06	4-6	0720	7461	Tue	11166 70202 50481 03064 02239 and 11166 70202 35827 03065 01079	FSK 200/1000	(AB)
F06	4-6	0800	10198	Tue	11100 00000 69351 31040 02139	FSK 200/1000	(AB)
F06	4-6	0810	8082	Tue	11100 00000 69351 31040 02139	FSK 200/1000	(AB)
F06	4-6	0820	6833	Tue	11100 00000 69351 31040 02139	FSK 200/1000	(AB)
F06	4-6	1200	10762	Tue	11166 70202 50481 03064 02239 and 11166 70202 35827 03065 01079	FSK 200/1000	(AB)
F06	4-6	1210	8191	Tue	11166 70202 50481 03064 02239 and 11166 70202 35827 03065 01079	FSK 200/1000	(AB)
F06	4-6	1220	6782	Tue	11166 70202 50481 03064 02239 and 11166 70202 35827 03065 01079	FSK 200/1000	(AB)
F06	4-6	1230	20259	Tue	11166 30154 13467 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	4-6	1240	16331	Tue	11166 30154 13467 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	4-6	1250	14678	Tue	11166 30154 13467 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	4-6	1650	20889	Tue	11166 10053 78963 03076 01669	FSK 200/1000	(AB/PY)
F06	4-6	1700	18051	Tue	11166 10053 78963 03076 01669	FSK 200/1000	(AB/PY)
F06	4-6	1710	16087	Tue	11166 10053 78963 03076 01669	FSK 200/1000	(AB/PY)
F06	5-6	1300	16349	Wed	11166 10075 18964 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	5-6	1300	19647	Wed	11166 60081 14785 05023 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	1310	13385	Wed	11166 10075 18964 05001 00049 00000 00000 000_ _____	FSK 200/1000	(PY)
F06	5-6	1310	18039	Wed	11166 60081 14785 05023 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	1320	10863	Wed	11166 10075 18964 05001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	1320	15631	Wed	11166 60081 14785 05023 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	1410	15615	Wed	11166 30077 18934 05001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	1420	14915	Wed	11166 30077 18934 05001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	1650	20889	Wed	11166 10053 78963 03076 01669	FSK 200/1000	(AB/PY)
F06	5-6	1700	18051	Wed	11166 10053 78963 03076 01669	FSK 200/1000	(AB/PY)
F06	5-6	1710	16087	Wed	11166 10053 78963 03076 01669	FSK 200/1000	(AB/PY)
F06	6-6	0700	11474	Tue	11166 70202 23478 05067 02219 and 11166 70202 92631 05068 01099	FSK 200/1000	(AB)
F06	6-6	1330	16351	Tue	11166 80214 89123 06024 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	7-6	0100	17532	Fri	11100 09501 09501 07066 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	7-6	0700	11474	Fri	11166 70202 79462 07055 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	9-6	1530	20945	Sun	11166 10053 12354 09001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	10-6	0100	17532	Mon	11100 09501 00000 10067 01739 The 2nd mesg is composed solely of block #26	FSK 200/1000	(PY)
F06	10-6	0110	16351	Mon	11100 09501 00000 10067 01739 The 2nd mesg is composed solely of block #26	FSK 200/1000	(PY)
F06	10-6	0120	14428	Mon	No transmission	FSK 200/1000	(PY)
F06	10-6	0800	10198	Mon	11100 00000 89351 07041 00799	FSK 200/1000	(PY)
F06	11-6	0030	14929	Tue	11166 60070 75321 11001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-6	0040	12133	Tue	11166 60070 75321 11001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-6	0100	14428	Tue	Damaged waveform, 5 blocks, 1 msg starting at block #1. 11144 09501 00000 13014 00180	FSK 200/1000	(PY)
F06	11-6	0100	16351	Tue	Damaged waveform, 5 blocks, 1 msg starting at block #1. 11144 09501 00000 13014 00180	FSK 200/1000	(PY)



<b>F06</b>	11-6	0100	17532	Tue	11100 09501 00000 10066 01669 and 11100 09501 00000 10067 01739	FSK 200/1000	(PY)
<b>F06</b>	11-6	0700	11474	Tue	11166 70202 68541 10070 02139 and 11166 70202 30294 10071 01699	FSK 200/1000	(PY)
<b>F06</b>	11-6	0800	10198	Tue	11100 00000 89351 07041 00799	FSK 200/1000	(PY)
<b>F06</b>	11-6	1230	20259	Tue	11166 30154 18930 11001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	11-6	1240	16331	Tue	11166 30154 18930 11001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	11-6	1250	14678	Tue	11166 30154 18930 11001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	11-6	1650	20889	Tue	11166 10053 18934 11001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	0915	19837	Wed	11166 40023 48965 12002 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	0930	15629	Wed	11166 40023 48965 12002 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	0945	13955	Wed	11166 40023 48965 12002 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1300	16349	Wed	11166 10075 75124 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1300	19647	Wed	11166 60081 12354 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1310	13385	Wed	11166 10075 75124 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1310	18039	Wed	11166 60081 12354 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1320	10863	Wed	11166 10075 75124 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1320	15631	Wed	11166 60081 12354 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1400	18741	Wed	11166 30077 12354 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1410	15615	Wed	11166 30077 12354 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	12-6	1420	14915	Wed	11166 30077 12354 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	13-6	0100	17532	Tue	500Hz idle carrier	FSK 200/1000	(PY)
<b>F06</b>	13-6	1200	10762	Tue	11166 70202 13478 11073 01659 and 11166 70202 82631 11074 01599	FSK 200/1000	(PY)
<b>F06</b>	13-6	1330	16351	Tue	11166 80214 79123 13025 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	14-6	0700	11474	Fri	11166 70202 56123 13056 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	16-6	1530	20945	Sun	11166 10053 13467 16001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	17-6	0100	17532	Mon	11100 09501 00000 17068 03229	FSK 200/1000	(PY)
<b>F06</b>	17-6	0700	12194	Mon	11166 70059 84785 17035 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	17-6	0800	10198	Mon	11100 00000 32759 14042 00879	FSK 200/1000	(PY)
<b>F06</b>	18-6	0030	14929	Tue	11166 60070 61854 18055 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	18-6	0100	17532	Tue	11100 09501 00000 17068 03229	FSK 200/1000	(PY)
<b>F06</b>	18-6	0700	11474	Tue	11166 70202 15698 17076 01759 and 11166 70202 84705 17077 01899	FSK 200/1000	(PY)
<b>F06</b>	18-6	0900	10198	Tue	11100 00000 32759 14042 00879	FSK 200/1000	(PY)
<b>F06</b>	18-6	1230	20259	Tue	11166 30154 75461 18001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	18-6	1240	16331	Tue	11166 30154 75461 18001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	18-6	1250	14678	Tue	11166 30154 75461 18001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	18-6	1650	20889	Tue	11166 10053 23975 18001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	19-6	1300	16349	Wed	11166 10075 96723 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	19-6	1300	19647	Wed	11166 60081 85213 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	19-6	1310	13385	Wed	11166 10075 96723 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	19-6	1310	18039	Wed	11166 60081 85213 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	19-6	1320	10863	Wed	11166 10075 96723 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	19-6	1320	15631	Wed	11166 60081 85213 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
<b>F06</b>	19-6	1400	18741	Wed	11166 30077 75821 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)

F06	19-6	1410	15615	Wed	11166 30077 75821 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	19-6	1420	14915	Wed	11166 30077 75821 19001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	20-6	0700	11474	Tue	11166 70202 62594 19079 02379 and 11166 70202 03294 19080 01319	FSK 200/1000	(PY)
F06	20-6	1330	16351	Tue	11166 80214 90215 20077 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	21-6	0110	16351	Fri	11166 09501 00000 21126 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	21-6	0120	14428	Fri	11166 09501 00000 21126 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	21-6	0700	11474	Fri	11166 70202 54728 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	21-6	0710	9234	Fri	11166 70202 54728 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	21-6	0720	7461	Fri	11166 70202 54728 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-6	1530	20945	Sun	11166 10053 18930 23001 00049 00000 00000 00000 00000	FSK 200/100	(AB/PY)
F06	23-6	1540	17515	Sun	11166 10053 18930 23001 00049 00000 00000 00000 00000	FSK 200/100	(AB)
F06	23-6	1550	15677	Sun	11166 10053 18930 23001 00049 00000 00000 00000 00000	FSK 200/100	(AB)
F06	24-6	0120	14428	Mon	11100 09501 00000 24069 02109 and 11100 09501 00000 24070 01999	FSK 200/1000	(PY)
F06	24-6	0800	10198	Mon	11100 00000 98137 20043 00899	FSK 200/1000	(PY)
F06	25-6	0030	14929	Tue	11166 60070 14789 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-6	0040	12133	Tue	11166 60070 14789 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-6	0050	10359	Tue	11166 60070 14789 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-6	0800	10198	Tue	11100 00000 98137 20043 00899	FSK 200/1000	(AB-RUS/PY)
F06	25-6	0810	8082	Tue	11100 00000 98137 20043 00899	FSK 200/1000	(AB-S)
F06	25-6	0820	6833	Tue	11100 00000 98137 20043 00899	FSK 200/1000	(AB-S)
F06	25-6	1230	20259	Tue	11166 30154 69752 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT/PY)
F06	25-6	1240	16331	Tue	11166 30154 69752 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-6	1250	14678	Tue	11166 30154 69752 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-6	1650	20889	Tue	11166 10053 84630 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-6	1700	18051	Tue	11166 10053 84630 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-6	1710	16087	Tue	11166 10053 84630 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-6	0915	19837	Wed	11166 40023 14785 26002 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	0930	15629	Wed	11166 40023 14785 26002 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	0945	13955	Wed	11166 40023 14785 26002 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1300	16349	Wed	11166 10075 18930 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1300	19647	Wed	11166 60081 14785 26007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1310	13385	Wed	11166 10075 18930 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1310	18039	Wed	11166 60081 14785 26007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1320	10863	Wed	11166 10075 18930 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1320	15631	Wed	11166 60081 14785 26007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1400	18741	Wed	11166 30077 14785 26008 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1410	15615	Wed	11166 30077 14785 26008 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-6	1420	14915	Wed	11166 30077 14785 26008 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-6	1330	16153	Tue	11166 80214 84527 27028 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-6	1340	12109	Tue	11166 80214 84527 27028 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-6	1350	10169	Tue	11166 80214 84527 27028 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-6	0100	17532	Fri	11100 09501 00000 28999 00049 00000 00000 00000 00000	FSK 200/1000	(PY)

<b>F06</b>	30-6	1530	20945	Sun	11166 10053 78945 32001 00049 00000 00000 00000 00000	FSK 200/100	(AB/PY)
<b>F06</b>	30-6	1540	17515	Sun	11166 10053 78945 32001 00049 00000 00000 00000 00000	FSK 200/100	(AB)
<b>F06</b>	30-6	1550	15677	Sun	11166 10053 78945 32001 00049 00000 00000 00000 00000	FSK 200/100	(AB)
<b>F06a</b>	1-6	0600	12210	Sat	File 40430 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	1-6	0615	11122	Sat	File 40430 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	1-6	0630	10243	Sat	File 40430 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	3-6	0700	11474	Mon	File 44463 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	3-6	0715	9234	Mon	File 44463 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	3-6	0730	7461	Mon	File 44463 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	3-6	1200	10762	Mon	File 44463 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	3-6	1215	8191	Mon	File 44463 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	3-6	1230	6782	Mon	File 44463 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	5-6	0700	11474	Wed	File 44466 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	5-6	0715	9234	Wed	File 44466 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	5-6	0730	7461	Wed	File 44466 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	5-6	1200	10762	Wed	File 44466 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	5-6	1215	8191	Wed	File 44466 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	5-6	1230	6782	Wed	File 44466 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	6-6	0400	5867	Tue	File 04436 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	6-6	0415	6781	Tue	File 04436 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	6-6	0430	8051	Tue	File 04436 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	7-6	0400	5867	Fri	File 04436 (989 bytes), binary contents	FSK 200/1000	(PY)
<b>F06a</b>	7-6	0415	6781	Fri	File 04436 (989 bytes), binary contents	FSK 200/1000	(PY)
<b>F06a</b>	7-6	0430	8051	Fri	File 04436 (989 bytes), binary contents	FSK 200/1000	(PY)
<b>F06a</b>	10-6	0700	11474	Mon	File 44469 (1126 bytes), empty text header, binary contents	FSK 200/1000	(PY)
<b>F06a</b>	10-6	1200	10762	Mon	File 44469 (1126 bytes), empty text header, binary contents	FSK 200/1000	(PY)
<b>F06a</b>	10-6	1215	8191	Mon	File 44469 (1126 bytes), empty text header, binary contents	FSK 200/1000	(PY)
<b>F06a</b>	12-6	0700	11474	Wed	File 44472 (1254 bytes) empty text header, binary contents	FSK 200/1000	(PY)
<b>F06a</b>	13-6	0400	5867	Tue	File 04437 (989 bytes) binary contents	FSK 200/1000	(PY)
<b>F06a</b>	14-6	0100	17532	Fri	File VZFD14 (2048 bytes) 44444 09501 00000 13014 00009	FSK 200/1000	(PY)
<b>F06a</b>	14-6	0115	16351	Fri	File VZFD14 (2048 bytes) 44444 09501 00000 13014 00009	FSK 200/1000	(PY)
<b>F06a</b>	14-6	0130	14428	Fri	File VZFD14 (2048 bytes) 44444 09501 00000 13014 00009	FSK 200/1000	(PY)
<b>F06a</b>	14-6	0400	5867	Fri	File 04437 (989 bytes) binary contents	FSK 200/1000	(Subilo)
<b>F06a</b>	17-6	0700	11474	Mon	File 44475 (2250 bytes) empty text header, binary contents	FSK 200/1000	(PY)
<b>F06a</b>	19-6	0100	17532	Wed	File VZFD15 (2765 bytes) 44400 09501 00000 18015 00003	FSK 200/1000	(PY)
<b>F06a</b>	19-6	0700	11474	Wed	File 44478 (2740 bytes) empty text header, binary contents	FSK 200/1000	(PY)
<b>F06a</b>	19-6	1200	10762	Wed	File 44478 (2740 bytes) empty text header, binary contents	FSK 200/1000	(PY)
<b>F06a</b>	20-6	0100	17532	Tue	File VZFD15 (2765 bytes) 44400 09501 00000 18015 00003	FSK 200/1000	(PY)
<b>F06a</b>	20-6	0115	16351	Tue	File VZFD15 (2765 bytes) 44400 09501 00000 18015 00003	FSK 200/1000	(PY)
<b>F06a</b>	20-6	0130	14428	Tue	File VZFD15 (2765 bytes) 44400 09501 00000 18015 00003	FSK 200/1000	(PY)
<b>F06a</b>	20-6	0400	5867	Tue	File 04438 (989 bytes)	FSK 200/1000	(PY)
<b>F06a</b>	20-6	0415	6781	Tue	File 04438 (989 bytes)	FSK 200/1000	(PY)



F06a	20-6	0430	8051	Tue	File 04438 (989 bytes)	FSK 200/1000	(PY)
F06a	21-6	0400	5867	Fri	File 04438 (989 bytes)	FSK 200/1000	(PY)
F06a	21-6	0415	6781	Fri	File 04438 (989 bytes)	FSK 200/1000	(PY)
F06a	24-6	0700	11474	Mon	File 44481 (binary contents)	FSK 200/1000	(AB/PY)
F06a	24-6	0715	9234	Mon	File 44481 (binary contents)	FSK 200/1000	(AB)
F06a	24-6	0730	7461	Mon	File 44481 (binary contents)	FSK 200/1000	(AB)
F06a	25-6	0700	14432	Tue	File 44453 (1126 bytesm empty text header, binary contents)	FSK 200/1000	(PY)
F06a	25-6	0715	12209	Tue	File 44453 (1126 bytesm empty text header, binary contents)	FSK 200/1000	(PY)
F06a	25-6	0730	10271	Tue	File 44453 (1126 bytesm empty text header, binary contents)	FSK 200/1000	(PY)
F06a	26-6	0100	17532	Wed	File VZFD16 (1126 bytes) 44400 09501 00000 26016 00009	FSK 200/1000	(PY)
F06a	27-6	0100	17532	Tue	File VZFD16 (1126 bytes) 44400 09501 00000 26016 00009	FSK 200/1000	(PY)
F06a	27-6	0400	5867	Tue	File 04439 (binary contents)	FSK 200/1000	(AB)
F06a	27-6	0415	6781	Tue	File 04439 (binary contents)	FSK 200/1000	(AB)
F06a	27-6	0430	8051	Tue	File 04439 (binary contents)	FSK 200/1000	(AB)
F06a	27-6	0700	14432	Tue	File 44456 (2435 bytes, empty text header, binary contents)	FSK 200/1000	(PY)
F06a	27-6	0715	12209	Tue	File 44456 (2435 bytes, empty text header, binary contents)	FSK 200/1000	(PY)
F06a	27-6	0730	10271	Tue	File 44456 (2435 bytes, empty text header, binary contents)	FSK 200/1000	(PY)
F06a	28-6	0400	5867	Fri	File 04439 (binary contents)	FSK 200/1000	(AB)
F06a	28-6	0415	6781	Fri	File 04439 (binary contents)	FSK 200/1000	(AB)
F06a	28-6	0430	8051	Fri	File 04439 (binary contents)	FSK 200/1000	(AB)
F06a	28-6	1900	16177	Fri	File 44031 (binary contents)	FSK 200/1000	(PY)
F06a	28-6	1915	14848	Fri	File 44031 (binary contents)	FSK 200/1000	(PY)
F06a	28-6	1930	13376	Fri	File 44031 (binary contents)	FSK 200/1000	(PY)
F06a	29-6	0600	12214	Sat	File 44031 (binary contents)	FSK 200/1000	(AB/PY)
F06a	29-6	0615	11153	Sat	File 44031 (binary contents)	FSK 200/1000	(AB/PY)
F06a	29-6	0630	10332	Sat	File 44031 (binary contents)	FSK 200/1000	(AB/PY)
F07	4-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	4-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	4-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	4-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	4-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	4-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	6-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	6-6	2010	15866	Tue	Russian intel. 1 block	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	6-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	6-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	6-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	6-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	6-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	11-6	2000	16336	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Rycat)
F07	11-6	2010	15866	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Rycat)
F07	11-6	2020	14918	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Rycat)

F07	11-6	2030	14483	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Rycat)
F07	11-6	2040	13901	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Rycat)
F07	11-6	2050	13389	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Rycat)
F07	13-6	2000	16336	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	13-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	13-6	2010	15866	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	13-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	13-6	2020	14918	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	13-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	13-6	2030	14483	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	13-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	13-6	2040	13901	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	13-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	13-6	2050	13389	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	13-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	18-6	2000	16336	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	18-6	2020	14918	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	18-6	2030	14483	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	19-6	0800	8148	Wed	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	0810	8094	Wed	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	0820	7534	Wed	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	0830	7361	Wed	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	0840	6944	Wed	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	0850	6876	Wed	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	1200	8148	Wed	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	1210	8094	Wed	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	1220	7534	Wed	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	1230	7361	Wed	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	1240	6944	Wed	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	1250	6876	Wed	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	19-6	1734	8150	Wed	Russian intel. Cut off after block #14	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	20-6	0800	8148	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	0810	8094	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	0820	7534	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	0830	7361	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	0840	6944	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	0850	6876	Tue	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	1200	8148	Tue	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	1210	8094	Tue	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	1220	7534	Tue	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	1230	7361	Tue	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
F07	20-6	1240	6944	Tue	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)

<b>F07</b>	20-6	1250	6876	Tue	Russian intel. 5 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(Zok/Pof)
<b>F07</b>	20-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	20-6	2000	13389	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
<b>F07</b>	20-6	2000	13901	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
<b>F07</b>	20-6	2000	14483	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
<b>F07</b>	20-6	2000	14918	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
<b>F07</b>	20-6	2000	15866	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
<b>F07</b>	20-6	2000	16336	Tue	Russian intel. 3 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
<b>F07</b>	20-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	20-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	20-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	20-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	20-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	25-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/PY)
<b>F07</b>	25-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	25-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	25-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	25-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	25-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	27-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	27-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	27-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	27-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	27-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>F07</b>	27-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>HM01</b>	1-6	0500	10680	Sat	21432 60824 21742 20146 34712 02738 Files 36142143.F1G 22887082.TXT 15472174.TXT 78342014.TXT 67043471.TXT 53160273.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	1-6	0600	10345	Sat	21432 70824 21742 20146 34712 02738	AM/WinDRM	(AB-USA)
<b>HM01</b>	1-6	0700	13435	Sat	21432 70824 21742 20146 34712 02738	AM/WinDRM	(AB-USA)
<b>HM01</b>	1-6	0800	13435	Sat	21432 70824 21742 20146 34712 02738	AM/WinDRM	(AB-USA)
<b>HM01</b>	1-6	0900	11635	Sat	21432 70824 21742 20146 34712 02738	AM/WinDRM	(AB-USA)
<b>HM01</b>	1-6	2058	11635	Sat	HM01 active	AM/WinDRM	(Rycat)
<b>HM01</b>	1-6	2202	10715	Sat	HM01 active	AM/WinDRM	(Rycat)
<b>HM01</b>	2-6	0550	10860	Sun	Switched to 10345 kHz at 0555z	AM/WinDRM	(AB-USA)
<b>HM01</b>	2-6	0555	10345	Sun	21433 60825 21743 20147 34713 02581 Files 36142143.F1G 22887082.TXT 15472174.TXT 78342014.TXT 67043471.TXT 06680258.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	2-6	0720	13435	Sun	21433 70825 21743 20147 34713 02581	AM/WinDRM	(AB-USA)
<b>HM01</b>	2-6	0730	13435	Sun	HM01 active	AM/WinDRM	(Priyom)
<b>HM01</b>	2-6	2054	11635	Sun	HM01 active	AM/WinDRM	(Rycat)
<b>HM01</b>	3-6	0454	10860	Mon	21434 60826 21744 20148 34714 02581 Files 36142143.F1G 22887082.TXT 15472174.TXT 78342014.TXT 67043471.TXT 06680258.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	3-6	2106	11635	Mon	HM01 active	AM/WinDRM	(Rycat)

HM01	3-6	2107	11635	Mon	Radio Habana Cuba audio leak	AM	(Rycat)
HM01	3-6	2203	10715	Mon	HM01 active	AM/WinDRM	(MeCa)
HM01	4-6	0515	10860	Tue	21434 70826 21744 20148 34714 02581 (repeat of 3 June)	AM/WinDRM	(AB-USA)
HM01	5-6	0700	13435	Wed	21434 70826 21744 20148 34714 02581 (repeat of 3 June)	AM/WinDRM	(AB-USA)
HM01	5-6	2050	11635	Wed	HM01 active	AM/WinDRM	(Rycat)
HM01	5-6	2205	10715	Wed	HM01 active	AM/WinDRM	(Rycat)
HM01	6-6	0639	13435	Tue	HM01 active	AM/WinDRM	(kalv)
HM01	7-6	0607	10345	Fri	HM01 active	AM/WinDRM	(kalv)
HM01	7-6	0757	13435	Fri	HM01 active	AM/WinDRM	(kalv)
HM01	7-6	0810	10345	Fri	HM01 active	AM/WinDRM	(zen)
HM01	7-6	0901	11635	Fri	HM01 active	AM/WinDRM	(MeCa)
HM01	8-6	0612	10345	Sat	HM01 active	AM/WinDRM	(zen)
HM01	8-6	2055	11635	Sat	Radio Habana Cuba audio leak then HM01	AM/WinDRM	(Rycat)
HM01	8-6	2055	11635	Sat	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	8-6	2100	10715	Sat	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	9-6	0500	10860	Sun	HM01 active	AM/WinDRM	(WA4OSH)
HM01	9-6	0600	10345	Sun	21434 60827 21644 20148 34614 02581	AM/WinDRM	(WA4OSH)
HM01	11-6	2053	11635	Tue	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	11-6	2201	10715	Tue	HM01 active	AM/WinDRM	(Rycat)
HM01	12-6	2059	11635	Wed	HM01 active	AM/WinDRM	(Rycat)
HM01	12-6	2158	10715	Wed	HM01 active	AM/WinDRM	(Rycat)
HM01	12-6	2200	10715	Wed	21434 70826 21744 20148 34714 02581	AM/WinDRM	(RL)
HM01	13-6	2058	11635	Tue	USB device connected system sound then HM01	AM/WinDRM	(Rycat)
HM01	14-6	0406	10860	Fri	HM01 active	AM/WinDRM	(kalv)
HM01	14-6	2056	11635	Fri	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	14-6	2100	10715	Fri	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	15-6	0527	10860	Sat	HM01 active	AM/WinDRM	(WA4OSH)
HM01	15-6	0608	10345	Sat	HM01 active	AM/WinDRM	(WA4OSH)
HM01	15-6	2114	11635	Sat	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	15-6	2208	10715	Sat	HM01 active	AM/WinDRM	(Rycat)
HM01	16-6	2046	11635	Sun	Radio Habana Cuba audio leak	AM	(Rycat)
HM01	16-6	2105	11635	Sun	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	16-6	2130	10715	Sun	21434 60827 21644 20148 34614 02581 Files 06680258.TXT 15472174.TXT 22887082.TXT 36148143.F1G 67043471.TXT 78342014.TXT	AM/WinDRM	(Rycat)
HM01	21-6	0755	11635	Fri	64402 36224 56162 73134 70101 02587 Files 12126440.TXT 22773622.TXT 05585616.TXT	AM/WinDRM	(AB-USA)

					86537313.TXT 67067010.TXT 06680258.TXT Callsign QWERTY01		
<b>HM01</b>	21-6	2046	11635	Fri	HM01 active	AM/WinDRM	(Rycat)
<b>HM01</b>	22-6	0630	10345	Sat	64403 36225 56163 73135 70101 86781 Files 12126440.TXT 22773622.TXT 05585616.TXT 86537313.TXT 67067010.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	22-6	2056	11635	Sat	64403 36225 56163 73135 70101 86781 Files 05585616.TXT 12126440.TXT 22773622.TXT 52258678.TXT 67067010.TXT 86537313.TXT	AM/WinDRM	(Rycat)
<b>HM01</b>	22-6	2100	10715	Sat	64403 36225 56163 73135 70101 86781 Files 05585616.TXT 12126440.TXT 22773622.TXT 52258678.TXT 67067010.TXT 86537313.TXT	AM/WinDRM	(Rycat)
<b>HM01</b>	23-6	0600	10860	Sun	64404 36226 56164 73136 70102 86781	AM/WinDRM	(AB-USA)
<b>HM01</b>	23-6	0605	10345	Sun	64404 36226 56164 73136 70102 86781 Files 12126440.TXT 22773622.TXT 05585616.TXT 86537313.TXT 67067010.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	23-6	0717	13435	Sun	HM01 active	AM/WinDRM	(Priyom)
<b>HM01</b>	23-6	2055	11635	Sun	HM01 active	AM/WinDRM	(Rycat)
<b>HM01</b>	24-6	0640	10345	Mon	64407 03581 56167 73139 70105 86784 Files 12126440.TXT 31140358.TXT 05585616.TXT 86537313.TXT 67067010.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	24-6	2103	11635	Mon	64407 03581 56167 73139 70105 86784 Files 05585616.TXT 12126440.TXT 31140358.TXT 52258678.TXT 67067010.TXT 86537313.TXT	AM/WinDRM	(Rycat)
<b>HM01</b>	24-6	2154	10715	Mon	HM01 active	AM/WinDRM	(Rycat)
<b>HM01</b>	25-6	0506	10860	Tue	81131 03582 56168 76511 70106 86785 Files 50278113.F1C 31140358.TXT 05585616.TXT 07437651.TXT 67067010.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	25-6	0531	10860	Tue	HM01 active	AM/WinDRM	(kalv)
<b>HM01</b>	25-6	0604	10345	Tue	HM01 active	AM/WinDRM	(kalv)
<b>HM01</b>	26-6	0456	10860	Wed	81131 03581 56169 76511 70107 86786 Files 50278113.F1C 31140358.TXT 05585616.TXT 07437651.TXT 67067010.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	26-6	0621	10345	Wed	HM01 active	AM/WinDRM	(Zok)
<b>HM01</b>	27-6	0500	10860	Tue	81132 03583 31571 76512 70108 86787 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 67067010.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	27-6	0600	10345	Tue	HM01 active	AM/WinDRM	(kalv)
<b>HM01</b>	28-6	0940	11635	Fri	81133 03584 31571 76513 73751 86788 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 65857375.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	29-6	0550	10860	Sat	81134 03585 31572 76514 73751 86789 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 65857375.TXT 52258678.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	30-6	0615	10345	Sun	81135 03586 31573 76515 73752 22161 Files 50278113.F1C 31140358.TXT 07513157.TXT 07437651.TXT 65857375.TXT 80562216.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
<b>HM01</b>	30-6	0715	13435	Sun	HM01 active	AM/WinDRM	(Priyom)
<b>M01</b>	1-6	0715	9736	Sat	475 177 177 50 50 = = 58370 61045 99487 ... very weak, partly unreadable = = 177 177 50 50 000	MCW	(PY)
<b>M01</b>	1-6	1500	6435	Sat	025 418 418 30 30 = = 16253 85637 28456 ... 87312 02256 32195 = = 418 418 30 30 000	CW	(AB-D)
<b>M01</b>	2-6	0715	9736	Sun	475 177 177 50 50 = = 58370 61045 99487 ... very weak, partly unreadable = = 177 177 50 50 000	MCW	(PY)
<b>M01</b>	4-6	1800	5082	Tue	025 361 361 30 30 = = (too weak to copy)	CW	(AB)
<b>M01</b>	6-6	1800	5280	Tue	025 372 30 ...	CW	(Subilo)



<b>M01</b>	6-6	2000	4903	Tue	025 269 30 = 29854...	CW	(PY)
<b>M01</b>	8-6	1500	6435	Sat	025 591 30 ...	CW	(Subilo)
<b>M01</b>	9-6	0700	6780	Sun	025 135 30 = 63723...	CW	(PY)
<b>M01</b>	11-6	1800	5280	Tue	025 420 30 ...	CW	(Subilo)
<b>M01</b>	11-6	2000	4903	Tue	025 925 30 = 96753...	CW	(PY)
<b>M01</b>	13-6	1800	5280	Tue	025 797 30 89593...	CW	(Subilo)
<b>M01</b>	13-6	2000	4903	Tue	025 965 30 = 33546...	CW	(PY)
<b>M01</b>	15-6	1500	6435	Sat	025 979 30 97905...	CW	(Subilo)
<b>M01</b>	16-6	0715	9736	Sun	475 234 50 = 34071...	CW	(PY)
<b>M01</b>	16-6	0715	9736	Sun	475 234 234 50 50 = = 34071 81373 11436 ... 98200 22870 44349 234 234 50 550 = = 000	MCW	(PY/HFD)
<b>M01</b>	18-6	1800	5280	Tue	025 932 30 = 62746...	CW	(PY)
<b>M01</b>	18-6	2000	4903	Tue	025 801 30 = 62746...	CW	(Lazo)
<b>M01</b>	20-6	1800	5280	Tue	025 162 30 = 72836...	CW	(PY)
<b>M01</b>	20-6	2000	4903	Tue	025 102 102 30 30 = = 20913 27361 32734 3... 93821 83745 95873 = = 102 102 30 30 000	CW	(AB)
<b>M01</b>	20-6	2000	4903	Tue	025 102 30 = 20913...	CW	(PY)
<b>M01</b>	22-6	1500	6435	Sat	025 172 30 = 87212...	CW	(PY)
<b>M01</b>	23-6	0700	6780	Sun	025 286 30 = 59876...	CW	(PY)
<b>M01</b>	25-6	1800	5280	Tue	025 567 30 = 65749...	CW	(PY)
<b>M01</b>	25-6	2000	4903	Tue	025	CW	(PY)
<b>M01</b>	27-6	1800	5280	Tue	025 094 094 30 30 = = 86759 65748 65744 ... 86584 46543 23456 = = 094 094 30 30 000	CW	(AB-S)
<b>M01</b>	27-6	2000	4903	Tue	025 475 475 30 30 = = 06758 94753 27384 ... 56574 56745 86957 = = 475 475 30 30 000	CW	(AB)
<b>M01</b>	29-6	0715	9736	Sat	475 56123 56755 78799 ... 57310 67231 99657 223 223 50 50 = = 00000	MCW	(PY)
<b>M01</b>	30-6	0715	9736	Sun	475 56123 56755 78799 ... 57310 67231 99657 223 223 50 50 = = 00000	MCW	(PY)
<b>M01a</b>	19-6	1233	5701	Wed	764 72343 333 04 111 999 365 10 = 27500...	CW	(Pof)
<b>M01a</b>	19-6	1256	5701	Wed	764	CW	(Pof)
<b>M01a</b>	19-6	1751	5701	Wed	764	CW	(PY)
<b>M12</b>	1-6	2100	11144	Sat	153 153 153 1 115 179 115 179 97152 43827 05776 ... 99916 04516 02338 000 000	CW	(AB/HFD)
<b>M12</b>	1-6	2120	10544	Sat	153 153 153 1 115 179 115 179 97152 43827 05776 ... 99916 04516 02338 000 000	CW	(AB/HFD)
<b>M12</b>	1-6	2140	9344	Sat	153 153 153 1 115 179 115 179 97152 43827 05776 ... 99916 04516 02338 000 000	CW	(AB/HFD)
<b>M12</b>	2-6	2310	16342	Sun	389 389 389 1 ...	CW	(HFD)
<b>M12</b>	2-6	2330	15842	Sun	389 389 389 1 ...	CW	(HFD)
<b>M12</b>	2-6	2350	14942	Sun	389 389 389 1 ...	CW	(HFD)
<b>M12</b>	3-6	0210	15918	Mon	989 989 989 1 ...	CW	(HFD-J)
<b>M12</b>	3-6	0230	14818	Mon	989 989 989 1 ...	CW	(HFD-J)
<b>M12</b>	3-6	0250	13918	Mon	989 989 989 1 ...	CW	(HFD-J)
<b>M12</b>	3-6	1600	17427	Mon	436 436 436 1 7925 107 7925 107 90214 94880 32848 ... 65982 10623 94350 000 000	CW	(AB)
<b>M12</b>	3-6	1620	16327	Mon	436 436 436 1 7925 107 7925 107 90214 94880 32848 ... 65982 10623 94350 000 000	CW	(AB)
<b>M12</b>	3-6	1640	14627	Mon	436 436 436 1 7925 107 7925 107 90214 94880 32848 ... 65982 10623 94350 000 000	CW	(AB)
<b>M12</b>	3-6	2000	13892	Mon	119 119 119 1 8595 146 8595 146 01761 28373 45305 ... 95033 28902 35678 000 000 000	CW	(AB/RL/HFD)
<b>M12</b>	3-6	2020	13392	Mon	119 119 119 1 8595 146 8595 146 01761 28373 45305 ... 95033 28902 35678 000 000 000	CW	(AB/RL/HFD)
<b>M12</b>	3-6	2040	11592	Mon	119 119 119 1 8595 146 8595 146 01761 28373 45305 ... 95033 28902 35678 000 000 000	CW	(AB/RL/HFD)
<b>M12</b>	4-6	0300	14975	Tue	984 984 984 1 ...	CW	(HFD-J)

M12	4-6	0320	13875	Tue	984 984 984 1 ...	CW	(HFD-J)
M12	4-6	0340	13475	Tue	984 984 984 1 ...	CW	(HFD-J)
M12	4-6	1100	11519	Tue	289 289 289 1 6303 60 6303 60 82712 48950 70657 ... 52951 52757 65789 000 000	CW	(AB)
M12	4-6	1120	12194	Tue	289 289 289 1 6303 60 6303 60 82712 48950 70657 ... 52951 52757 65789 000 000	CW	(AB)
M12	4-6	1140	13407	Tue	289 289 289 1 6303 60 6303 60 82712 48950 70657 ... 52951 52757 65789 000 000	CW	(AB)
M12	5-6	1900	15823	Wed	889 889 889 000	CW	(AB)
M12	5-6	1920	14823	Wed	889 889 889 000	CW	(AB)
M12	5-6	2310	16342	Wed	389 389 389 1 6995 89 6995 89 54354 51560 98010 ... 36716 26452 08295 000 000	CW	(RL)
M12	5-6	2330	15842	Wed	389 389 389 1 6995 89 6995 89 54354 51560 98010 ... 36716 26452 08295 000 000	CW	(RL)
M12	5-6	2350	14942	Wed	389 389 389 1 6995 89 6995 89 54354 51560 98010 ... 36716 26452 08295 000 000	CW	(RL)
M12	6-6	0300	14975	Tue	984 1 436 144 repeat of 2024-05-28/30 and 2024-06-04	CW	(Pigmom)
M12	6-6	1600	17427	Tue	436 436 436 1 7925 107 7925 107 90214 94880 32848 ... 65982 10623 94350 000 000	CW	(AVX)
M12	6-6	2000	13892	Tue	119 119 119 1 8595 146 8595 146 01761 28373 45305 ... 95033 28902 35678 000 000 000	CW	(AVX)
M12	6-6	2000	13892	Tue	119 119 119 1 8595 146 01761 28373 45305 ... 95033 28902 35678 000 000	CW	(RL)
M12	6-6	2020	13392	Tue	119 119 119 1 8595 146 01761 28373 45305 ... 95033 28902 35678 000 000	CW	(RL)
M12	6-6	2040	11592	Tue	119 119 119 1 8595 146 01761 28373 45305 ... 95033 28902 35678 000 000	CW	(RL)
M12	7-6	0210	15918	Fri	Message 63 groups	CW	(AVX)
M12	7-6	1900	15823	Fri	889 889 889 000	CW	(PY/HFD)
M12	7-6	1920	14823	Fri	889 889 889 000	CW	(PY/HFD)
M12	7-6	2120	10544	Fri	153 1 6403 187 56139...	CW	(PY)
M12	9-6	2310	16342	Sun	389 1 6995 89 54354...	CW	(PY)
M12	9-6	2330	15842	Sun	389 1 6995 89 54354...	CW	(PY)
M12	10-6	0210	15918	Mon	989 1 358 98 ...	CW	(Pigmon)
M12	10-6	1600	17427	Mon	436 436 436 000	CW	(PY)
M12	10-6	2000	13892	Mon	119 119 119 000	CW	(PY)
M12	10-6	2020	13392	Mon	119 119 119 000	CW	(PY)
M12	11-6	0300	14975	Tue	984 1 457 160 00553...	CW	(Subilo)
M12	11-6	0320	13875	Tue	984 1 457 160 00553...	CW	(Subilo)
M12	11-6	0340	13475	Tue	984 1 457 160 00553...	CW	(Subilo)
M12	11-6	1100	11519	Tue	289 1 2544 51 16096...	CW	(Subilo)
M12	11-6	1140	13407	Tue	289 1 2544 51 16096...	CW	(Subilo)
M12	11-6	1200	12194	Tue	289 1 2544 51 16096...	CW	(Subilo)
M12	11-6	1800	12162	Tue	546 1 7672 51 22151...	CW	(Subilo)
M12	12-6	1900	15823	Wed	889 1 9559 165 93905...	CW	(PY)
M12	12-6	1920	14823	Wed	889 1 9559 165 93905...	CW	(PY)
M12	12-6	1940	13923	Wed	889 889 889 1 9559 165 9559 165 93905 66642 85206 ... 23050 50118 07837 000 000	CW	(RL)
M12	12-6	2310	16342	Wed	389 389 389 1 3598 65 72730 03975 47325 ... 44168 14929 70366 000 000	CW	(RL/PY)
M12	12-6	2330	15842	Wed	389 389 389 1 3598 65 72730 03975 47325 ... 44168 14929 70366 000 000	CW	(RL/PY)
M12	12-6	2350	14942	Wed	389 389 389 1 3598 65 72730 03975 47325 ... 44168 14929 70366 000 000	CW	(RL)
M12	13-6	0400	14975	Tue	984 1 457 160 00553...	CW	(Subilo)
M12	13-6	1600	17427	Tue	436 436 436 000	USB	(PY)
M12	13-6	2000	13892	Tue	119 119 119 000	CW	(PY)

<b>M12</b>	13-6	2000	13892	Tue	119 119 119 000	CW	(RL)
<b>M12</b>	13-6	2020	13392	Tue	119 119 119 000	CW	(RL)
<b>M12</b>	14-6	1900	15823	Fri	889 889 889 1 9559 165 9559 165 93905 66642 85206 ... 23050 50118 07837 000 000	CW	(RL/Subilo)
<b>M12</b>	14-6	1940	13923	Fri	889 889 889 1 9559 165 9559 165 93905 66642 85206 ... 23050 50118 07837 000 000	CW	(RL/Subilo)
<b>M12</b>	14-6	2100	11144	Fri	153 1 6403 187 56139...	CW	(PY)
<b>M12</b>	14-6	2100	11144	Fri	153 153 153 1 6403 187 6403 187 56139 00362 06561 ... 16524 93544 28044 000 000	CW	(RL)
<b>M12</b>	14-6	2120	10544	Fri	153 1 6403 187 56139...	CW	(PY)
<b>M12</b>	14-6	2120	10544	Fri	153 153 153 1 6403 187 6403 187 56139 00362 06561 ... 16524 93544 28044 000 000	CW	(RL)
<b>M12</b>	14-6	2140	9344	Fri	153 153 153 1 6403 187 6403 187 56139 00362 06561 ... 16524 93544 28044 000 000	CW	(RL)
<b>M12</b>	15-6	2100	11144	Sat	153 1 6403 187 56139...	CW	(PY)
<b>M12</b>	16-6	2310	16342	Sun	389 1 3598 65 ...	CW	(PY)
<b>M12</b>	16-6	2330	15842	Sun	389 1 3598 65 ...	CW	(PY)
<b>M12</b>	16-6	2350	14942	Sun	389 1 3598 65 ...	CW	(PY)
<b>M12</b>	17-6	0210	15918	Mon	989 1 280 52 ...	CW	(Pigmon)
<b>M12</b>	17-6	1600	17427	Mon	436 1 335 91 81707...	CW	(Subilo)
<b>M12</b>	17-6	1620	16327	Mon	436 1 335 91 81707...	CW	(Subilo)
<b>M12</b>	17-6	2000	13892	Mon	119 1 9338 178 04013...	CW	(PY)
<b>M12</b>	17-6	2020	13392	Mon	119 1 9338 178 04013...	CW	(PY)
<b>M12</b>	18-6	0300	14975	Tue	984 1 238 138 61388...	CW	(Subilo)
<b>M12</b>	18-6	0320	13875	Tue	984 1 238 138 61388...	CW	(Subilo)
<b>M12</b>	18-6	1100	11519	Tue	289 1 9991 59 45_13...	CW	(PY)
<b>M12</b>	18-6	1120	12194	Tue	289 1 9991 59 45_13...	CW	(PY)
<b>M12</b>	18-6	1140	13407	Tue	289 1 9991 59 45_13...	CW	(PY)
<b>M12</b>	18-6	1800	12162	Tue	546 1 4367 56 ...	CW	(Subilo)
<b>M12</b>	18-6	1820	11566	Tue	546 1 4367 56 ...	CW	(Subilo)
<b>M12</b>	18-6	2120	10544	Tue	153 1 6403 187 56139...	CW	(PY)
<b>M12</b>	18-6	2140	9344	Tue	153 1 6403 187 56139...	CW	(PY)
<b>M12</b>	19-6	1548	8150	Wed	577 577 577 1 (R45s) 5 [22s silence] 577 577 Off	CW	(Zok)
<b>M12</b>	19-6	1602	8150	Wed	577 577 577 1 2149 36 2149 36 99748 37164 42351 ... 79605 85317 1 Off	CW	(Zok)
<b>M12</b>	19-6	1613	8150	Wed	577 557 577 1 2149 36 2149 36 99748 37164 42351 ... 53938 Off (repeat of 1602z)	CW	(Zok)
<b>M12</b>	19-6	1619	8150	Wed	577 557 577 1 2149 36 2149 36 99748 37164 42351 ... 18340 3143 Off (repeat of 1602z)	CW	(Zok)
<b>M12</b>	19-6	1743	8150	Wed	123 123 123 1 1817 47 1817 47 37667 43384 99204 00555 ... 56928 89965 59560 20033 000 000	CW	(PY)
<b>M12</b>	19-6	1900	15823	Wed	889 1 9559 165 93905...	CW	(PY)
<b>M12</b>	19-6	1920	14823	Wed	889 1 9559 165 93905...	CW	(PY)
<b>M12</b>	19-6	2310	16342	Wed	389 389 389 000	CW	(PY)
<b>M12</b>	19-6	2330	15842	Wed	389 389 389 000	CW	(PY)
<b>M12</b>	20-6	0300	14975	Tue	984 1 238 138 ...	CW	(Pigmon)
<b>M12</b>	20-6	0300	14975	Tue	984 1 238 138 ...	CW	(Pigmon)
<b>M12</b>	20-6	1600	17427	Tue	436 436 436 335 91 335 91 81707 00937 22774 ... 05194 13812 43951 000 000	CW	(AB)
<b>M12</b>	20-6	1600	17427	Tue	436 1 335 91 81707...	CW	(PY)
<b>M12</b>	20-6	1620	16327	Tue	436 436 436 335 91 335 91 81707 00937 22774 ... 05194 13812 43951 000 000	CW	(AB)



<b>M12</b>	20-6	1620	16327	Tue	436 1 335 91 81707...	CW	(PY)
<b>M12</b>	20-6	1640	14627	Tue	436 436 436 335 91 335 91 81707 00937 22774 ... 05194 13812 43951 000 000	CW	(AB)
<b>M12</b>	20-6	1640	14627	Tue	436 1 335 91 81707...	CW	(PY)
<b>M12</b>	20-6	2000	13892	Tue	119 119 119 1 9338 178 9338 178 04013 97110 40213 ... 37987 56007 83133 000 000	CW	(AB)
<b>M12</b>	20-6	2000	13892	Tue	119 1 9338 178 04013...	CW	(PY)
<b>M12</b>	20-6	2020	13392	Tue	119 119 119 1 9338 178 9338 178 04013 97110 40213 ... 37987 56007 83133 000 000	CW	(AB)
<b>M12</b>	20-6	2040	11592	Tue	119 119 119 1 9338 178 9338 178 04013 97110 40213 ... 37987 56007 83133 000 000	CW	(AB)
<b>M12</b>	21-6	0210	15918	Fri	989 1 280 52 38323...	CW	(PY)
<b>M12</b>	21-6	1900	15823	Fri	889 889 889 1 9559 165 9559 165 93905 66642 85206 ... 23050 50118 07837 000 000	CW	(AB/PY)
<b>M12</b>	21-6	1920	14823	Fri	889 889 889 1 9559 165 9559 165 93905 66642 85206 ... 23050 50118 07837 000 000	CW	(AB)
<b>M12</b>	21-6	1940	13923	Fri	889 889 889 1 9559 165 9559 165 93905 66642 85206 ... 23050 50118 07837 000 000	CW	(AB)
<b>M12</b>	21-6	2100	11144	Fri	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB/PY)
<b>M12</b>	21-6	2120	10544	Fri	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB/PY)
<b>M12</b>	21-6	2140	9344	Fri	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB/PY)
<b>M12</b>	22-6	2100	11144	Sat	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB/PY)
<b>M12</b>	22-6	2120	10544	Sat	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB/PY)
<b>M12</b>	22-6	2140	9344	Sat	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB/PY)
<b>M12</b>	23-6	2310	16342	Sun	389 389 389 000	CW	(PY)
<b>M12</b>	23-6	2330	15842	Sun	389 389 389 000	CW	(PY)
<b>M12</b>	24-6	0230	14818	Mon	989 989 989 000	CW	(Pigmon)
<b>M12</b>	24-6	1600	17427	Mon	436 436 436 000	CW	(AB/PY)
<b>M12</b>	24-6	1620	16327	Mon	436 436 436 000	CW	(AB/PY)
<b>M12</b>	24-6	2000	13892	Mon	119 119 119 000	CW	(AB/PY)
<b>M12</b>	24-6	2020	13392	Mon	119 119 119 000	CW	(AB)
<b>M12</b>	25-6	0300	14975	Tue	984 1 572 166 22854...	CW	(Subilo)
<b>M12</b>	25-6	1100	11519	Tue	289 289 289 1 4132 62 4132 62 35423 92901 71477 ... 40116 42001 86642 000 000	CW	(AB/Subilo)
<b>M12</b>	25-6	1120	12194	Tue	289 289 289 1 4132 62 4132 62 35423 92901 71477 ... 40116 42001 86642 000 000	CW	(AB)
<b>M12</b>	25-6	1140	13407	Tue	289 289 289 1 4132 62 4132 62 35423 92901 71477 ... 40116 42001 86642 000 000	CW	(AB)
<b>M12</b>	25-6	1800	12162	Tue	546 546 546 1 6001 55 6001 55 70853 13398 46086 ... 10570 52615 06928 000 000	CW	(AB/PY)
<b>M12</b>	25-6	1820	11566	Tue	546 546 546 1 6001 55 6001 55 70853 13398 46086 ... 10570 52615 06928 000 000	CW	(AB)
<b>M12</b>	25-6	1840	10711	Tue	546 546 546 1 6001 55 6001 55 70853 13398 46086 ... 10570 52615 06928 000 000	CW	(AB)
<b>M12</b>	26-6	0300	14975	Wed	984 1 572 166 22854...	CW	(Subilo)
<b>M12</b>	26-6	1900	15823	Wed	889 889 889 000	CW	(AB/PY)
<b>M12</b>	26-6	1920	14823	Wed	889 889 889 000	CW	(AB/PY)
<b>M12</b>	26-6	2310	16342	Wed	389 1 7794 201 54436...	CW	(PY)
<b>M12</b>	26-6	2330	15842	Wed	389 1 7794 201 54436...	CW	(PY)
<b>M12</b>	26-6	2350	14942	Wed	389 1 7794 201 54436...	CW	(PY)
<b>M12</b>	27-6	1600	17427	Tue	436 436 436 000	CW	(AB)
<b>M12</b>	27-6	1620	16327	Tue	436 436 436 000	CW	(AB)
<b>M12</b>	27-6	2000	13892	Tue	119 119 119 000	CW	(AB)
<b>M12</b>	27-6	2020	13392	Tue	119 119 119 000	CW	(AB)
<b>M12</b>	28-6	0835	8072	Fri	687 657 657 1 6904 25 6904 25 83873 15778 82744 ... 14293 59298 64218 000 000	CW	(EL)

M12	28-6	1900	15823	Fri	889 889 889 000	CW	(AB)
M12	28-6	1920	14823	Fri	889 889 889 000	CW	(AB)
M12	28-6	2100	11144	Fri	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB)
M12	28-6	2120	10544	Fri	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB)
M12	28-6	2140	9344	Fri	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB)
M12	29-6	2100	11144	Sat	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB)
M12	29-6	2120	10544	Sat	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB)
M12	29-6	2140	9344	Sat	153 153 153 1 482 231 482 231 20530 08962 06867 ... 42412 58145 59601 000 000	CW	(AB)
M14	3-6	0501	12211	Mon	952 713 713 59 59 = = 23688 19791 25215 ... 03080 52242 40912 = = 713 713 59 59 00000	CW	(AB-J)
M14	3-6	0523	10243	Mon	952 713 713 59 59 = = 23688 19791 25215 ... 03080 52242 40912 = = 713 713 59 59 00000	CW	(AB-J)
M14	4-6	0500	12211	Tue	952 406 406 57 57 = = 55299 83644 11802 ... 13252 31387 55097 = = 406 406 57 57 00000	CW	(AB)
M14	4-6	0520	10243	Tue	952 406 406 57 57 = = 55299 83644 11802 ... 13252 31387 55097 = = 406 406 57 57 00000	CW	(AB)
M14	5-6	0500	12211	Wed	952 138 138 52 52 = = 78642 52516 20291 ... 73973 68366 14101 = = 138 138 52 52 00000	CW	(AB)
M14	5-6	0520	10243	Wed	952 138 138 52 52 = = 78642 52516 20291 ... 73973 68366 14101 = = 138 138 52 52 00000	CW	(AB)
M14	6-6	0500	12211	Tue	952 138 138 52 52 = = 78642 52516 20291 ... 73973 68366 14101 = = 138 138 52 52 00000	CW	(Subilo)
M14	6-6	0520	10243	Tue	952 138 138 52 52 = = 78642 52516 20291 ... 73973 68366 14101 = = 138 138 52 52 00000	CW	(Subilo)
M14	7-6	0500	12211	Fri	952 952 952 00000	CW	(Subilo)
M14	7-6	0520	10243	Fri	952 952 952 00000	CW	(Subilo)
M14	10-6	0500	12211	Mon	952 952 760 760 51 51 = = 95165 48150 91250 ... 00543 00543 30968 = = 760 760 51 51 00000	CW	(Subilo)
M14	10-6	0520	10243	Mon	952 952 760 760 51 51 = = 95165 48150 91250 ... 00543 00543 30968 = = 760 760 51 51 00000	CW	(Subilo)
M14	11-6	0500	12211	Tue	952 952 760 760 51 51 = = 95165 48150 91250 ... 00543 00543 30968 = = 760 760 51 51 00000	CW	(Subilo)
M14	11-6	0520	10243	Tue	952 952 760 760 51 51 = = 95165 48150 91250 ... 00543 00543 30968 = = 760 760 51 51 00000	CW	(Subilo)
M14	13-6	0500	12211	Tue	952 413 27 = 25994 25487 85304 ... 71044 14165 73353 = 413 27 952 876 32 = 83896 06952 89698 ... 24712 48616 44771 = 876 32 00000	CW	(Subilo)
M14	13-6	0520	10243	Tue	952 413 27 = 25994 25487 85304 ... 71044 14165 73353 = 413 27 952 876 32 = 83896 06952 89698 ... 24712 48616 44771 = 876 32 00000	CW	(Subilo)
M14	14-6	0500	12211	Fri	952 413 27 = 25994 25487 85304 ... 71044 14165 73353 = 413 27 952 876 32 = 83896 06952 89698 ... 24712 48616 44771 = 876 32 00000	CW	(Subilo)
M14	14-6	0520	10243	Fri	952 413 27 = 25994 25487 85304 ... 71044 14165 73353 = 413 27 952 876 32 = 83896 06952 89698 ... 24712 48616 44771 = 876 32 00000	CW	(Subilo)
M14	17-6	0500	12211	Mon	952 140 140 60 60 = = 77816 21781 53223 ... 12254 02306 27349 = = 140 140 60 60 00000	CW	(Subilo)
M14	17-6	0520	10243	Mon	952 140 140 60 60 = = 77816 21781 53223 ... 12254 02306 27349 = = 140 140 60 60 00000	CW	(Subilo)
M14	18-6	0500	12211	Tue	952 140 140 60 60 = = 77816 21781 53223 ... 12254 02306 27349 = = 140 140 60 60 00000	CW	(Subilo)
M14	18-6	0520	10243	Tue	952 140 140 60 60 = = 77816 21781 53223 ... 12254 02306 27349 = = 140 140 60 60 00000	CW	(Subilo)
M14	19-6	0500	12211	Wed	952 378 378 52 52 = = 15298 19932 41161 ... 17208 05212 56306 = = 378 378 52 52 00000	CW	(Subilo)
M14	19-6	0520	10243	Wed	952 378 378 52 52 = = 15298 19932 41161 ... 17208 05212 56306 = = 378 378 52 52 00000	CW	(Subilo)
M14	20-6	0500	12211	Tue	952 378 378 52 52 = = 15298 19932 41161 ... 17208 05212 56306 = = 378 378 52 52 00000	CW	(Subilo)
M14	20-6	0520	10243	Tue	952 378 378 52 52 = = 15298 19932 41161 ... 17208 05212 56306 = = 378 378 52 52 00000	CW	(Subilo)

<b>M14</b>	21-6	0500	12211	Fri	952 952 952 00000	CW	(AB-J)
<b>M14</b>	21-6	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
<b>M14</b>	24-6	0500	12211	Mon	Briefly inverted morse, then carrier. Off at 0503z. Message at 0504z. Off after group 6. Resumed with group 18 at 0505z. Briefly FSK CW then CW.	CW	(AB-J)
<b>M14</b>	24-6	0520	10243	Mon	952 461 461 57 57 = = 96627 39833 11871 ... 70512 58269 91068 = = 461 461 57 57 00000	CW	(AB-J)
<b>M14</b>	25-6	0500	12211	Tue	952 461 461 57 57 = = 96627 39833 11871 ... 70512 58269 91068 = = 461 461 57 57 00000	CW	(AB)
<b>M14</b>	25-6	0520	10243	Tue	952 461 461 57 57 = = 96627 39833 11871 ... 70512 58269 91068 = = 461 461 57 57 00000	CW	(AB)
<b>M14</b>	26-6	0500	12211	Wed	952 830 44 = 03422 90235 89135 ... 80408 95011 18499 = 830 44 952 764 18 = 16284 55779 32708 ... 21564 64139 41115 = 764 18 00000	CW	(AB)
<b>M14</b>	26-6	0520	10243	Wed	952 830 44 = 03422 90235 89135 ... 80408 95011 18499 = 830 44 952 764 18 = 16284 55779 32708 ... 21564 64139 41115 = 764 18 00000	CW	(AB)
<b>M14</b>	27-6	0500	12211	Tue	952 764 18 = 16284 55779 32708 ... 21564 64139 41115 = 764 18 952 830 44 = 03422 90235 89135 ... 80408 95011 18499 = 830 44 00000	CW	(AB)
<b>M14</b>	27-6	0520	10243	Tue	952 764 18 = 16284 55779 32708 ... 21564 64139 41115 = 764 18 952 830 44 = 03422 90235 89135 ... 80408 95011 18499 = 830 44 00000	CW	(AB)
<b>M14</b>	28-6	0500	12211	Fri	952 952 952 00000 inverted morse	CW	(AB-J)
<b>M14</b>	28-6	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
<b>M42</b>	4-6	0820	14358	Tue	Russian diplo	MFSK-66	(RO)
<b>M42</b>	4-6	0821	15945	Tue	Russian diplo	MFSK-66	(RO)
<b>M42</b>	5-6	0820	12158	Wed	Russian diplo	Serdolik v2	(AB)
<b>M42</b>	11-6	0805	11071	Tue	Russian diplo	Serdolik v2	(RO)
<b>M42</b>	11-6	0806	14830	Tue	Russian diplo	Serdolik v2	(RO)
<b>M42</b>	11-6	1015	20811	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
<b>M42</b>	11-6	1020	20811	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
<b>M42</b>	11-6	1026	20815	Tue	Russian diplo	Serdolik v2	(RO)
<b>M42</b>	11-6	1047	20815	Tue	Russian diplo	Serdolik v2	(RO)
<b>M42</b>	14-6	0917	12177	Fri	Russian diplo	MFSK-66	(RO)
<b>M42</b>	21-6	0833	14650	Fri	Russian diplo	MFSK-66	(RO)
<b>M42</b>	21-6	0835	14828	Fri	Russian diplo	Serdolik v2	(RO)
<b>M42</b>	25-6	1017	20815	Tue	Russian diplo	Serdolik v2	(Anon)
<b>P03</b>	2-6	1020	7469	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	2-6	1025	7469	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	2-6	1245	6252	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	2-6	1250	6252	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	2-6	1725	14410	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	2-6	1730	14410	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	2-6	1950	8680	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	2-6	1955	8680	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	3-6	1220	18405	Mon	Polish intel.	PSK	(AB)
<b>P03</b>	3-6	1225	18405	Mon	Polish intel.	PSK	(AB)
<b>P03</b>	4-6	1725	14410	Tue	Polish intel.	PSK	(AB)
<b>P03</b>	4-6	1730	14410	Tue	Polish intel.	PSK	(AB)

P03	5-6	1030	9399	Wed	Polish intel.	PSK	(AB)
P03	5-6	1035	9399	Wed	Polish intel.	PSK	(AB)
P03	5-6	1310	11103	Wed	Polish intel.	PSK	(AB)
P03	5-6	1315	11103	Wed	Polish intel.	PSK	(AB)
P03	6-6	0635	17535	Tue	Polish intel.	PSK	(PY)
P03	6-6	1950	8680	Tue	Polish intel.	PSK	(PY)
P03	7-6	0530	6797	Fri	Polish intel.	PSK	(PY)
P03	7-6	0535	6797	Fri	Polish intel.	PSK	(PY)
P03	7-6	1100	9063	Fri	Polish intel.	PSK	(PY)
P03	7-6	1500	9130	Fri	Polish intel.	PSK	(PY)
P03	7-6	1515	19972	Fri	Polish intel.	PSK	(PY)
P03	8-6	1020	7469	Sat	Polish intel.	PSK	(PY)
P03	8-6	1025	7469	Sat	Polish intel.	PSK	(PY)
P03	8-6	1245	6252	Sat	Polish intel.	PSK	(PY)
P03	8-6	1250	6252	Sat	Polish intel.	PSK	(PY)
P03	8-6	1310	11103	Sat	Polish intel.	PSK	(PY)
P03	8-6	1315	11103	Sat	Polish intel.	PSK	(PY)
P03	9-6	0530	6797	Sun	Polish intel.	PSK	(PY)
P03	9-6	0535	6797	Sun	Polish intel.	PSK	(PY)
P03	9-6	1025	7469	Sun	Polish intel.	PSK	(PY)
P03	9-6	1100	9063	Sun	Polish intel.	PSK	(PY)
P03	9-6	1220	18405	Sun	Polish intel.	PSK	(PY)
P03	9-6	1245	6252	Sun	Polish intel.	PSK	(PY)
P03	9-6	1515	19972	Sun	Polish intel.	PSK	(PY)
P03	9-6	1520	19972	Sun	Polish intel.	PSK	(PY)
P03	9-6	1725	14410	Sun	Polish intel.	PSK	(PY)
P03	9-6	1950	8680	Sun	Polish intel.	PSK	(PY)
P03	10-6	1030	9399	Mon	Polish intel.	PSK	(PY)
P03	10-6	1035	9399	Mon	Polish intel.	PSK	(PY)
P03	10-6	1220	18405	Mon	Polish intel.	PSK	(PY)
P03	11-6	0635	17535	Tue	Polish intel.	PSK	(PY)
P03	11-6	1500	9130	Tue	Polish intel.	PSK	(PY)
P03	11-6	1725	14410	Tue	Polish intel.	PSK	(PY)
P03	12-6	1030	9399	Wed	Polish intel.	PSK	(PY)
P03	12-6	1035	9399	Wed	Polish intel.	PSK	(PY)
P03	12-6	1310	11103	Wed	Polish intel.	PSK	(PY)
P03	13-6	0635	17535	Tue	Polish intel.	PSK	(PY)
P03	13-6	1950	8680	Tue	Polish intel.	PSK	(Rycat)
P03	14-6	0530	6797	Fri	Polish intel.	PSK	(PY)
P03	14-6	1500	9130	Fri	Polish intel.	PSK	(PY)
P03	14-6	1515	19972	Fri	Polish intel.	PSK	(PY)
P03	15-6	1020	7469	Sat	Polish intel.	PSK	(PY)

P03	15-6	1245	6252	Sat	Polish intel.	PSK	(PY)
P03	15-6	1250	6252	Sat	Polish intel.	PSK	(PY)
P03	15-6	1310	11103	Sat	Polish intel.	PSK	(PY)
P03	15-6	1315	11103	Sat	Polish intel.	PSK	(PY)
P03	16-6	0530	6797	Sun	Polish intel.	PSK	(Subilo)
P03	16-6	0535	6797	Sun	Polish intel.	PSK	(Subilo)
P03	16-6	1020	7469	Sun	Polish intel.	PSK	(PY)
P03	16-6	1100	9063	Sun	Polish intel.	PSK	(PY)
P03	16-6	1220	18405	Sun	Polish intel.	PSK	(PY)
P03	16-6	1225	18405	Sun	Polish intel.	PSK	(PY)
P03	16-6	1245	6252	Sun	Polish intel.	PSK	(PY)
P03	16-6	1250	6252	Sun	Polish intel.	PSK	(PY)
P03	16-6	1515	19972	Sun	Polish intel.	PSK	(PY)
P03	16-6	1725	14410	Sun	Polish intel.	PSK	(PY)
P03	16-6	1950	8680	Sun	Polish intel.	PSK	(PY)
P03	17-6	1030	9399	Mon	Polish intel.	PSK	(PY)
P03	17-6	1220	18405	Mon	Polish intel.	PSK	(PY)
P03	18-6	0635	17535	Tue	Polish intel.	PSK	(PY)
P03	18-6	1500	9130	Tue	Polish intel.	PSK	(PY)
P03	18-6	1505	9130	Tue	Polish intel.	PSK	(PY)
P03	19-6	1310	11103	Wed	Polish intel.	PSK	(PY)
P03	19-6	1730	9079	Wed	Polish intel.	PSK	(PY)
P03	19-6	1735	9079	Wed	Polish intel.	PSK	(PY)
P03	20-6	0635	17535	Tue	Polish intel.	PSK	(PY)
P03	20-6	0640	17535	Tue	Polish intel.	PSK	(PY)
P03	20-6	0950	8680	Tue	Polish intel.	OSK	(PY)
P03	20-6	1950	8680	Tue	Polish intel.	PSK	(AB)
P03	20-6	1955	8680	Tue	Polish intel.	PSK	(AB)
P03	21-6	0530	6797	Fri	Polish intel.	PSK	(PY)
P03	21-6	1100	9063	Fri	Polish intel.	PSK	(AB)
P03	21-6	1105	9063	Fri	Polish intel.	PSK	(AB)
P03	21-6	1515	19972	Fri	Polish intel.	PSK	(AB)
P03	21-6	1520	19972	Fri	Polish intel.	PSK	(AB)
P03	23-6	0530	6797	Sun	Polish intel.	PSK	(AB/PY)
P03	23-6	0535	6797	Sun	Polish intel.	PSK	(AB/PY)
P03	23-6	1020	7469	Sun	Polish intel.	PSK	(AB/PY)
P03	23-6	1025	7469	Sun	Polish intel.	PSK	(AB)
P03	23-6	1100	9063	Sun	Polish intel.	PSK	(AB/PY)
P03	23-6	1105	9063	Sun	Polish intel.	PSK	(AB)
P03	23-6	1220	18405	Sun	Polish intel.	PSK	(AB-POL/PY)
P03	23-6	1225	18405	Sun	Polish intel.	PSK	(AB-POL)
P03	23-6	1245	6252	Sun	Polish intel.	PSK	(AB/PY)

P03	23-6	1250	6252	Sun	Polish intel.	PSK	(AB)
P03	23-6	1515	19972	Sun	Polish intel.	PSK	(PY)
P03	23-6	1725	14410	Sun	Polish intel.	PSK	(AB/PY)
P03	23-6	1730	14410	Sun	Polish intel.	PSK	(AB)
P03	23-6	1950	8680	Sun	Polish intel.	PSK	(AB/PY)
P03	23-6	1955	8680	Sun	Polish intel.	PSK	(AB)
P03	24-6	1030	9399	Mon	Polish intel.	PSK	(PY)
P03	24-6	1220	18405	Mon	Polish intel.	PSK	(AB)
P03	24-6	1220	18405	Mon	Polish intel.	PSK	(PY)
P03	24-6	1225	18405	Mon	Polish intel.	PSK	(AB)
P03	25-6	0635	17535	Tue	Polish intel.	PSK	(AB/PY)
P03	25-6	0640	17535	Tue	Polish intel.	PSK	(AB/PY)
P03	25-6	1500	9130	Tue	Polish intel.	PSK	(AB/PY)
P03	25-6	1505	9130	Tue	Polish intel.	PSK	(AB/PY)
P03	25-6	1725	14410	Tue	Polish intel.	PSK	(AB/PY)
P03	25-6	1730	14410	Tue	Polish intel.	PSK	(AB)
P03	26-6	1030	9399	Wed	Polish intel.	PSK	(AB/PY)
P03	26-6	1035	9399	Wed	Polish intel.	PSK	(AB)
P03	26-6	1310	11103	Wed	Polish intel.	PSK	(AB/PY)
P03	26-6	1315	11103	Wed	Polish intel.	PSK	(AB/PY)
P03	27-6	0635	17535	Tue	Polish intel.	PSK	(AB)
P03	27-6	0640	17535	Tue	Polish intel.	PSK	(AB)
P03	27-6	1950	8680	Tue	Polish intel.	PSK	(AB)
P03	27-6	1955	8680	Tue	Polish intel.	PSK	(AB)
P03	28-6	0530	6797	Fri	Polish intel.	PSK	(AB)
P03	28-6	0535	6797	Fri	Polish intel.	PSK	(AB)
P03	28-6	1100	9063	Fri	Polish intel.	PSK	(AB)
P03	28-6	1105	9063	Fri	Polish intel.	PSK	(AB)
P03	29-6	1020	7469	Sat	Polish intel.	PSK	(AB)
P03	29-6	1025	7469	Sat	Polish intel.	PSK	(AB)
P03	29-6	1245	6252	Sat	Polish intel.	PSK	(AB)
P03	29-6	1250	6252	Sat	Polish intel.	PSK	(AB)
P03	29-6	1310	11103	Sat	Polish intel.	PSK	(AB)
P03	29-6	1315	11103	Sat	Polish intel.	PSK	(AB)
P03	30-6	0530	6797	Sun	Polish intel.	PSK	(AB)
P03	30-6	0535	6797	Sun	Polish intel.	PSK	(AB)
P03	30-6	1020	7469	Sun	Polish intel.	PSK	(AB)
P03	30-6	1025	7469	Sun	Polish intel.	PSK	(AB)
P03	30-6	1100	9063	Sun	Polish intel.	PSK	(AB)
P03	30-6	1105	9063	Sun	Polish intel.	PSK	(AB)
P03	30-6	1220	18405	Sun	Polish intel.	PSK	(AB-POL)
P03	30-6	1225	18405	Sun	Polish intel.	PSK	(AB-POL)

<b>P03</b>	30-6	1245	6252	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	30-6	1250	6252	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	30-6	1515	19972	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	30-6	1520	19972	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	30-6	1725	14410	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	30-6	1730	14410	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	30-6	1950	8680	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	30-6	1955	8680	Sun	Polish intel.	PSK	(AB)
<b>P03j</b>	3-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	3-6	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	5-6	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	5-6	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	5-6	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	5-6	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	7-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	10-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	10-6	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	12-6	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	12-6	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	12-6	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	14-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	17-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	19-6	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(PY)
<b>P03j</b>	21-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
<b>P03j</b>	21-6	1321	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
<b>P03j</b>	24-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
<b>P03j</b>	24-6	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
<b>P03j</b>	25-6	0635	17535	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	26-6	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
<b>P03j</b>	26-6	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
<b>P03j</b>	26-6	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
<b>P03j</b>	28-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	28-6	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03k</b>	4-6	1230	20167	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	4-6	1235	20167	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	5-6	1730	9079	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	5-6	1735	9079	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	8-6	0630	8545	Sat	Polish intel.	BPSK 100Bd/480bp	(Subilo)
<b>P03k</b>	8-6	1730	9079	Sat	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	9-6	0630	8545	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	11-6	1230	20167	Tue	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	12-6	1730	9079	Wed	Polish intel.	BPSK 100Bd/480bp	(PY)



<b>P03k</b>	12-6	1735	9079	Wed	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	15-6	0630	8545	Sat	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	15-6	0635	8545	Sat	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	15-6	1230	20167	Sat	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	16-6	0630	8545	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	18-6	1230	20167	Tue	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	22-6	0630	8545	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
<b>P03k</b>	22-6	0635	8545	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	22-6	1730	9079	Sat	Polish intel.	BPSK 100Bd/480bp	(PY)
<b>P03k</b>	23-6	0630	8545	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
<b>P03k</b>	23-6	0635	8545	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
<b>P03k</b>	25-6	1230	20167	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
<b>P03k</b>	25-6	1235	20167	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
<b>P03k</b>	26-6	1730	9079	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
<b>P03k</b>	26-6	1735	9079	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
<b>P03k</b>	29-6	0630	8545	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	29-6	0635	8545	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	29-6	1730	9079	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	29-6	1735	9079	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	30-6	0630	8545	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	30-6	0635	8545	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03l</b>	6-6	1200	9443	Tue	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	7-6	1345	14753	Fri	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	10-6	1200	9443	Mon	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	12-6	1345	14753	Wed	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	13-6	1200	9443	Tue	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	14-6	1345	14753	Fri	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	17-6	1200	9443	Mon	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	19-6	1345	14753	Wed	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	20-6	1200	9443	Tue	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	21-6	1345	14753	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
<b>P03l</b>	21-6	1350	14753	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/PY)
<b>P03l</b>	24-6	1200	9443	Mon	Polish intel.	QPSK 100Bd/464bp	(PY)
<b>P03l</b>	26-6	1345	14753	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/PY)
<b>P03l</b>	26-6	1350	14753	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/PY)
<b>P03l</b>	27-6	1200	9443	Tue	Polish intel.	QPSK 100Bd/464bp	(TM)
<b>P03l</b>	27-6	1205	9443	Tue	Polish intel.	QPSK 100Bd/464bp	(TM)
<b>P03l</b>	28-6	1345	14753	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
<b>P03l</b>	28-6	1350	14753	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
<b>P07</b>	2-6	1400	9224	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
<b>P07</b>	2-6	1410	8124	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
<b>P07</b>	2-6	1420	7589	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)



P07	2-6	1430	6854	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	2-6	1440	5829	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	2-6	1450	5284	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-6	1400	9224	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-6	1410	8124	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-6	1420	7589	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-6	1430	6854	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-6	1440	5829	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-6	1450	5284	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	9-6	1400	9224	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	9-6	1430	6854	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	12-6	1410	8124	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	12-6	1420	7589	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	16-6	1400	9224	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	16-6	1440	5829	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	19-6	1400	9224	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	19-6	1722	8150	Wed	Russian intel. P07 variant, no callup, no BPSK bursts, 2 blocks	8xQSPK/62.5Bd/125Hz	(PY)
P07	19-6	1725	8150	Wed	Russian intel. P07 variant, no callup, no BPSK bursts, 2 blocks, cut off during block #2	8xQSPK/62.5Bd/125Hz	(PY)
P07	19-6	1726	8150	Wed	Russian intel. P07 variant, no callup, no BPSK bursts, 3 blocks	8xQSPK/62.5Bd/125Hz	(PY)
P07	19-6	1727	8150	Wed	Russian intel. P07 variant, no callup, no BPSK bursts, 3 blocks	8xQSPK/62.5Bd/125Hz	(PY)
P07	19-6	1731	8150	Wed	Russian intel. P07 variant, 1000Hz test tone then P07 3 blocks	8xQSPK/62.5Bd/125Hz	(PY)
P07	23-6	1400	9224	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/PY)
P07	23-6	1410	8124	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-6	1420	7589	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-6	1430	6854	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-6	1440	5829	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-6	1450	5284	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-6	1400	9224	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/PY)
P07	26-6	1410	8124	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-6	1420	7589	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-6	1430	6854	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-6	1440	5829	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-6	1450	5284	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-6	1400	9224	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-6	1410	8124	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-6	1420	7589	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-6	1430	6854	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-6	1440	5829	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-6	1450	5284	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
Q26	23-6	0255	14823.5	Sun	SFEP=1053=172 QSL? OEYR 5681 6513 9791 ... 3638 1267 0452	4+4 QPSK 75/3000 LSB	(VSh)
Q26	23-6	0257	14823.5	Sun	AQYD TO 75W 5681 6513 9791 1235 9119 X AA AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6	4+4 QPSK 75/3000 LSB	(VSh)
Q26	23-6	0303	14823.5	Sun	AQY8 AQY8 AQY8 DE JXG6 JXG6 JXG6 XYXYXYXYXYXY BOZ NIL SK X	4+4 QPSK 75/3000 LSB	(VSh)

<b>Q26</b>	26-6	1415	8461	Wed	VG8N VG8N VG8N DE H78G H78G H78G XYXYXYXYXYXY HR CCK /	4+4 QPSK 75/1000 LSB	(EW)
<b>S06</b>	3-6	0400	11616	Mon	480 216 53 36515 47805 58092 ... 58536 59584 95038 216 53 00000	USB	(Subilo/Lac)
<b>S06</b>	3-6	0420	9322	Mon	480 216 53 36515 47805 58092 ... 58536 59584 95038 216 53 00000	USB	(Subilo/Lac)
<b>S06</b>	4-6	0400	11616	Tue	480 219 53 15928 96373 30484 ... 18470 86650 64768 219 53 00000	USB	(Subilo/Lac)
<b>S06</b>	4-6	0420	9322	Tue	480 219 53 15928 96373 30484 ... 18470 86650 64768 219 53 00000	USB	(Subilo/Lac)
<b>S06</b>	5-6	0400	11616	Wed	480 537 60 25644 70320 11802 ... 18203 35848 34190 537 60 00000	USB	(Subilo/Lac)
<b>S06</b>	5-6	0420	9322	Wed	480 537 60 25644 70320 11802 ... 18203 35848 34190 537 60 00000	USB	(Subilo/Lac)
<b>S06</b>	6-6	0400	11616	Tue	480 537 60 25644 70320 11802 ... 18203 35848 34190 537 60 00000	USB	(Subilo/Lac)
<b>S06</b>	6-6	0420	9322	Tue	480 537 60 25644 70320 11802 ... 18203 35848 34190 537 60 00000	USB	(Subilo/Lac)
<b>S06</b>	7-6	0400	11616	Fri	480 480 480 00000	USB	(Subilo/Lac)
<b>S06</b>	7-6	0420	9322	Fri	480 480 480 00000	USB	(Subilo/Lac)
<b>S06</b>	7-6	2000	11149	Fri	842 00000	USB	(PY/HFD)
<b>S06</b>	7-6	2100	9205	Fri	842 00000	USB	(PY/HFD)
<b>S06</b>	10-6	0400	11616	Mon	480 169 52 33393 43508 79197 ... 48500 45867 52296 169 52 00000	USB	(Subilo)
<b>S06</b>	10-6	0420	9322	Mon	480 169 52 33393 43508 79197 ... 48500 45867 52296 169 52 00000	USB	(Subilo/Lac)
<b>S06</b>	11-6	0400	11616	Tue	480 169 52 33393 43508 79197 ... 48500 45867 52296 169 52 00000	USB	(Subilo)
<b>S06</b>	11-6	0420	9322	Tue	480 169 52 33393 43508 79197 ... 48500 45867 52296 169 52 00000	USB	(Subilo)
<b>S06</b>	13-6	0400	11616	Tue	480 572 31 08054 13792 30107 ... 91177 93459 73386 572 31 480 316 25 64664 35919 16389 ... 54145 43661 99997 316 25 00000	USB	(Subilo/Lac)
<b>S06</b>	13-6	0420	9322	Tue	480 572 31 08054 13792 30107 ... 91177 93459 73386 572 31 480 316 25 64664 35919 16389 ... 54145 43661 99997 316 25 00000	USB	(Subilo/Lac)
<b>S06</b>	14-6	0400	11616	Fri	480 572 31 08054 13792 30107 ... 91177 93459 73386 572 31 480 316 25 64664 35919 16389 ... 54145 43661 99997 316 25 00000	USB	(Subilo)
<b>S06</b>	14-6	0420	9322	Fri	480 572 31 08054 13792 30107 ... 91177 93459 73386 572 31 480 316 25 64664 35919 16389 ... 54145 43661 99997 316 25 00000	USB	(Subilo)
<b>S06</b>	17-6	0400	11616	Mon	480 295 53 85599 16454 89363 ... 45685 42472 75487 295 53 00000	USB	(Subilo/Lac)
<b>S06</b>	17-6	0420	9322	Mon	480 295 53 85599 16454 89363 ... 45685 42472 75487 295 53 00000	USB	(Subilo/Lac)
<b>S06</b>	18-6	0404	11616	Tue	480 295 53 85599 16454 89363 ... 45685 42472 75487 295 53 00000 Breakdown after two minutes	USB	(Subilo/Lac)
<b>S06</b>	18-6	0420	9322	Tue	480 295 53 85599 16454 89363 ... 45685 42472 75487 295 53 00000	USB	(Subilo)
<b>S06</b>	19-6	0400	11616	Wed	480 367 51 78588 35022 45562 ... 70175 28700 34894 367 51 00000 (52 groups were sent)	USB	(Subilo)
<b>S06</b>	19-6	0420	9322	Wed	480 367 51 78588 35022 45562 ... 70175 28700 34894 367 51 00000 (52 groups were sent)	USB	(Subilo)
<b>S06</b>	20-6	0400	11616	Tue	480 367 51 78588 35022 45562 ... 70175 28700 34894 367 51 00000 (52 groups were sent)	USB	(Subilo/lac)
<b>S06</b>	20-6	0420	9322	Tue	480 367 51 78588 35022 45562 ... 70175 28700 34894 367 51 00000 (52 groups were sent)	USB	(Subilo/Lac)
<b>S06</b>	21-6	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
<b>S06</b>	21-6	0420	9322	Fri	480 480 480 00000	USB	(Subilo)
<b>S06</b>	21-6	2000	11149	Fri	842 842 842 00000	USB	(AB/PY)
<b>S06</b>	21-6	2100	9205	Fri	842 842 842 00000	USB	(AB)
<b>S06</b>	24-6	0400	11616	Mon	480 921 53 61907 40583 01990 ... 62371 75297 76355 921 53 00000	USB	(Subilo)
<b>S06</b>	24-6	0420	9322	Mon	480 921 53 61907 40583 01990 ... 62371 75297 76355 921 53 00000	USB	(Subilo)
<b>S06</b>	25-6	0400	11616	Tue	480 921 53 61907 40583 01990 ... 62371 75297 76355 921 53 00000	USB	(Subilo)
<b>S06</b>	25-6	0420	9322	Tue	480 921 53 61907 40583 01990 ... 62371 75297 76355 921 53 00000	USB	(Subilo)

<b>S06</b>	25-6	0725	10755	Tue	975 821 60 71060 26096 97957 ... 78137 04039 99985 821 60 00000. Restart after group 16	USB	(kalv)
<b>S06</b>	26-6	0400	11616	Wed	480 753 27 26333 70420 14052 ... 49626 07111 88660 753 27 480 216 28 00313 59365 49857 ... 72529 52797 91279 216 28 00000	USB	(Subilo)
<b>S06</b>	26-6	0420	9322	Wed	480 753 27 26333 70420 14052 ... 49626 07111 88660 753 27 480 216 28 00313 59365 49857 ... 72529 52797 91279 216 28 00000	USB	(Subilo)
<b>S06</b>	27-6	0400	11616	Tue	480 753 27 26333 70420 14052 ... 49626 07111 88660 753 27 480 216 28 00313 59365 49857 ... 72529 52797 91279 216 28 00000	USB	(Subilo)
<b>S06</b>	27-6	0420	9322	Tue	480 753 27 26333 70420 14052 ... 49626 07111 88660 753 27 480 216 28 00313 59365 49857 ... 72529 52797 91279 216 28 00000	USB	(Subilo)
<b>S06</b>	28-6	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
<b>S06</b>	28-6	0420	9300	Fri	480 480 480 00000	USB	(Subilo)
<b>S06c</b>	3-6	0930	9931	Mon	11673 (R)	USB	(MeCa)
<b>S06c</b>	21-6	1120	6978	Fri	11202 (R4m)	USB	(PY)
<b>S06c</b>	21-6	1131	5448	Fri	11202 (R2m40s) late start	USB	(kalv)
<b>S11a</b>	1-6	0830	5149	Sat	378/40 Vnimanije 31064 88424 90891 ... 34741 39027 14779 Vnimanije (msg rptd) Konets	USB	(AB-POL/Subilo)
<b>S11a</b>	1-6	1850	12457	Sat	288/00 Konets	USB	(AB)
<b>S11a</b>	2-6	0830	5149	Sun	378/40 Vnimanije 31064 88424 90891 ... 34741 39027 14779 Vnimanije (msg rptd) Konets	USB	(AB-POL/Subilo)
<b>S11a</b>	3-6	0510	16357	Mon	659/00 Konets	USB	(AB/Lac)
<b>S11a</b>	3-6	0700	9339	Mon	471/00 Konets	USB	(AB)
<b>S11a</b>	3-6	0915	6814	Mon	483/00 Konets	USB	(AB/Lac)
<b>S11a</b>	4-6	0445	9968	Tue	798/00 Konets	USB	(AB/Lac)
<b>S11a</b>	4-6	1400	9448	Tue	421/00 Konets	USB	(AB/Lac)
<b>S11a</b>	5-6	0510	16357	Wed	651/00 Konets	USB	(AB)
<b>S11a</b>	5-6	0725	20905	Wed	383/00 Konets	USB	(AB/Lac)
<b>S11a</b>	5-6	1850	12457	Wed	282/00 Konets	USB	(AB/Lac)
<b>S11a</b>	6-6	0445	9968	Tue	791/00	USB	(PY)
<b>S11a</b>	6-6	0700	9339	Tue	475/00	USB	(Lac)
<b>S11a</b>	7-6	0725	20905	Fri	385/00 Konets	USB	(PY)
<b>S11a</b>	7-6	0915	6814	Fri	485/00 Konets	USB	(PY)
<b>S11a</b>	7-6	1400	9448	Fri	421/00 Konets	USB	(PY)
<b>S11a</b>	8-6	0830	5149	Sat	378/00 Konets	USB	(Subilo)
<b>S11a</b>	8-6	1850	12457	Sat	288/00 Konets	USB	(PY)
<b>S11a</b>	9-6	0830	5149	Sun	371/00 Konets	USB	(PY)
<b>S11a</b>	10-6	0510	16357	Mon	656/00 Konets	USB	(PY/Lac)
<b>S11a</b>	10-6	0700	9339	Mon	477/00 Konets	USB	(Lac)
<b>S11a</b>	10-6	0915	6814	Mon	487/31 Vnimanije 87617 13477 63025 ... 62353 20697 68449 Vnimanije (msg rptd) Konets	USB	(Subilo/PY)
<b>S11a</b>	11-6	0445	9968	Tue	791/34 Vnimanije 49271 62895 45332 ... 34110 04901 55020 Vnimanije (msg rptd) Konets	USB	(Subilo)
<b>S11a</b>	11-6	1400	9448	Tue	427/31 Vnimanije 62072 57947 48727 ... 09206 16604 50069 Vnimanije (msg rptd) Konets	USB	(Lac/Subilo)
<b>S11a</b>	12-6	0510	16357	Wed	656/00 Konets	USB	(PY)
<b>S11a</b>	12-6	0725	20905	Wed	387/38 Vnimanije 29877 44444 67944 ... 18895 74439 8686 Vnimanije (msg rptd) Konets	USB	(Subilo/PY)
<b>S11a</b>	12-6	1850	12457	Wed	281/00 Konets	USB	(PY)
<b>S11a</b>	13-6	0445	9968	Tue	791/34 Vnimanije 49271 62895 45332 ... 34110 04901 55020 Vnimanije (msg rptd) Konets	USB	(Subilo/PY)

<b>S11a</b>	13-6	0700	9339	Tue	471/00 Konets	USB	(PY)
<b>S11a</b>	14-6	0725	20905	Fri	387/38 Vnimanije 29877 44444 67944 ... 18895 74439 8686 Vnimanije (msg rptd) Konets	USB	(Subilo/PY)
<b>S11a</b>	14-6	0915	6814	Fri	487/31 Vnimanije 87617 13477 63025 ... 62353 20697 68449 Vnimanije (msg rptd) Konets	USB	(PY/Subilo)
<b>S11a</b>	14-6	1400	9448	Fri	427/31 Vnimanije 62072 57947 48727 ... 09206 16604 50069 Vnimanije (msg rptd) Konets	USB	(PY/Subilo)
<b>S11a</b>	15-6	0830	5149	Sat	378/00 Konets	USB	(Subilo)
<b>S11a</b>	15-6	1850	12457	Sat	285/00 Konets	USB	(PY)
<b>S11a</b>	16-6	0830	5149	Sun	377/00 Konets	USB	(Subilo)
<b>S11a</b>	17-6	0510	16356	Mon	656/35 Vnimanije 57508 95643 03952 ... 04375 59426 56862 Vnimanije (msg rptd) Konets	USB	(Lac/Subilo)
<b>S11a</b>	17-6	0700	9339	Mon	475/00 Konets	USB	(PY)
<b>S11a</b>	17-6	0915	6814	Mon	484/00 Konets	USB	(PY/Lac)
<b>S11a</b>	18-6	0445	9968	Tue	796/00 Konets	USB	(PY)
<b>S11a</b>	18-6	1400	9448	Tue	421/00 Konets	USB	(PY)
<b>S11a</b>	19-6	0510	16357	Wed	656/35 Vnimanije 57508 95643 03952 ... 04375 59426 56862 Vnimanije (msg rptd) Konets	USB	(Subilo/PY)
<b>S11a</b>	19-6	1850	12457	Wed	280/35 Vnimanije 98611 51127 05458 ... 94605 97909 02103 Vnimanije (msg rptd) Konets	USB	(Subilo/PY)
<b>S11a</b>	20-6	0445	9968	Tue	790/00 Konets	USB	(Lac/PY)
<b>S11a</b>	20-6	0700	9339	Tue	472/00 Konets	USB	(PY)
<b>S11a</b>	21-6	0725	20905	Fri	382/00 Konets	USB	(AB-POL/Subilo)
<b>S11a</b>	21-6	0915	6814	Fri	482/00 Konets	USB	(AB/Subilo)
<b>S11a</b>	21-6	1400	9448	Fri	427/00 Konets	USB	(AB/PY)
<b>S11a</b>	22-6	0830	5149	Sat	377/00 Konets	USB	(AB-POL)
<b>S11a</b>	22-6	1850	12457	Sat	280/35 Vnimanije 98611 41127 05458 ... 94605 97909 02103 Vnimanije (msg rptd) Konets	USB	(AB/PY/Subilo)
<b>S11a</b>	23-6	0830	5149	Sun	370/00 Konets	USB	(AB-POL/PY)
<b>S11a</b>	24-6	0510	16357	Mon	657/00 Konets	USB	(AB/PY)
<b>S11a</b>	24-6	0700	9339	Mon	479/34 Vnimanije 97782 77744 84758 ... 90916 02450 19782 Vnimanije (msg rptd) Konets	USB	(AB/PY/Subilo)
<b>S11a</b>	24-6	0915	6814	Mon	484/00 Konets	USB	(AB/PY)
<b>S11a</b>	25-6	0445	9968	Tue	793/00 Konets	USB	(AB/PY)
<b>S11a</b>	25-6	1400	9448	Tue	425/00 Konets	USB	(AB)
<b>S11a</b>	26-6	0510	16357	Wed	656/00 Konets	USB	(AB-POL/Lac)
<b>S11a</b>	26-6	0725	20905	Wed	382/00 Konets	USB	(AB/PY)
<b>S11a</b>	26-6	1850	12457	Wed	281/00 Konets	USB	(AB/Subilo)
<b>S11a</b>	27-6	0445	9968	Tue	794/00 Konets	USB	(AB)
<b>S11a</b>	27-6	0700	9339	Tue	479/34 Vnimanije 97782 77744 84758 ... 90916 02450 19782 Vnimanije (msg rptd) Konets	USB	(AB/Subilo)
<b>S11a</b>	28-6	0725	20905	Fri	389/00 Konets	USB	(AB-POL)
<b>S11a</b>	28-6	0915	6814	Fri	483/00 Konets	USB	(AB)
<b>S11a</b>	28-6	1400	9448	Fri	429/00 Konets	USB	(AB)
<b>S11a</b>	29-6	0830	5149	Sat	378/00 Konets	USB	(AB-POL)
<b>S11a</b>	29-6	1850	12457	Sat	287/00 Konets	USB	(AB)
<b>S11a</b>	30-6	0830	5149	Sun	377/00 Konets	USB	(AB)
<b>UM04</b>	1-6	0701	4735	Sat	VVV VVV PROMRCh = 01 06 = 1000 0910 0930 1040 1380 ... 0800 0870 0900 1020 1400 = AR	CW	(AB-ROU)
<b>UM04</b>	2-6	0700	4735	Sun	VVV VVV PROMRCh = 03 06 = 1000 0910 0940 1040 1380 ... 0800 0880 0920 1030 1410 = AR	CW	(AB-HNG)
<b>UM04</b>	3-6	0700	4735	Mon	VVV VVV PROMRCh = 0306 = 1000 0910 0940 1040 1380 ... 0800 0890 0920 1040 1420 = AR	CW	(AB-HNG)
<b>UM04</b>	4-6	0700	4735	Tue	VVVVV PROMRCh = 04 06 = 1200 0990 1010 1110 1470 ... 0800 0890 0930 1040 1420 = AR	CW	(AB-ROU)

UM04	5-6	0700	4735	Wed	VVV VVV PROMRCh = 05 06 = 1000 0910 0930 1040 1380 ... 0800 0890 0920 1030 1410 = AR	CW	(AB-HNG)
UM04	6-6	0700	4735	Tue	VVVVV PROMRCh = 0606 = 1000 0910 0930 1040 1380 ... 0800 0890 0920 1030 1410 = AR	CW	(Subilo)
UM04	7-6	0700	4735	Fri	VVV VVV PROMRCh = 07 06 = 1000 0910 0930 1030 1370 ... 0800 0890 0920 1030 1400 = AR	CW	(Subilo)
UM04	8-6	0700	4735	Sat	VVVVV PROMRCh = 08 06 = 1000 0910 0940 1030 1370 ... 0800 0890 0920 1030 1400 = AR	CW	(Subilo)
UM04	9-6	0700	4735	Sun	VVV VVV PROMRCh = 09 06 = 1000 0910 0940 1040 1370 (largely unreadable)	CW	(Subilo)
UM04	10-6	0700	4735	Mon	VVV VVV PROMRCh = 10 06 = 1000 0900 0930 1030 1360 ... 0800 0890 0910 1020 1390 = AR	CW	(Subilo)
UM04	11-6	0700	4735	Tue	VVV VVV PROMRCh = 11 06 = 1000 0900 0930 1020 1360 ... 0800 0890 0910 1030 1390 = AR	CW	(Subilo)
UM04	12-6	0700	4735	Wed	VVVVV PROMRCh = 1206 = 1000 0900 0930 1020 1350 ... 0800 0890 0910 1030 1380 = AR	CW	(Subilo)
UM04	13-6	0700	4735	Tue	VVV VVV PROMRCh = 13 06 = 1000 0890 0920 1020 1350 ... 0800 0880 0910 1020 1380 = AR	CW	(Subilo)
UM04	14-6	0700	4735	Fri	VVV VVV PROMRCh = 14 06 = 1000 0900 0930 1020 1350 ... 0800 0890 0920 1030 1380 = AR	CW	(Subilo)
UM04	15-6	0700	4735	Sat	VVVVV PROMRCh = 15 06 = 1000 0900 0920 1020 1340 ... 0800 0890 0920 1020 1380 = AR	CW	(Subilo)
UM04	16-6	0700	4735	Sun	VVV VVV PROMRCh = 16 06 = 1000 0900 0930 1020 1350 ... 0800 0900 0930 1030 1390 = AR	CW	(Subilo)
UM04	17-6	0700	4735	Mon	VVV VVV PROMRCh = 17 06 - 1000 0900 0930 1020 1350 ... 0800 0900 0930 1040 1380 = AR	CW	(Subilo)
UM04	18-6	0700	4735	Tue	VVVVV PROMRCh = 18 06 = 1000 0900 0920 1010 1340 ... 0800 0890 0920 1030 1380 = AR	CW	(Subilo)
UM04	19-6	0700	4735	Wed	VVV VVV PROMRCh = 19 06 = 1000 0900 0930 1020 1350 ... 0800 0900 0930 1040 1380 = AR	CW	(Subilo)
UM04	20-6	0700	4735	Tue	VVV VVV PROMRCh = 20 06 = 1000 0890 0910 1000 1340 ... 0800 0880 0910 1010 1360 = AR	CW	(Subilo)
UM04	21-6	0700	4735	Fri	VVV VVV PROMRCh = 21 06 = 1000 0890 0910 1010 1340 ... 0800 0890 0920 1020 1370 = AR	CW	(Subilo)
UM04	22-6	0658	4735	Sat	VVVVV PROMRCh = 22 06 = 1000 0890 0920 1010 1330 ... 0800 0900 0920 1030 1370 = AR	CW	(AB-ROU)
UM04	23-6	0700	4735	Sun	VVVVV PROMRCh = 2306 = 1000 0890 0910 1010 1340 ... 0800 0890 0910 1020 1360 = AR	CW	(AB-HNG)
UM04	24-6	0701	4735	Mon	VVV VVV PROMRCh = 24 06 = 1000 0890 0910 1000 1340 ... 0800 0890 0910 1020 1360 = AR	CW	(AB-HNG)
UM04	25-6	0700	4735	Tue	VVVVV PROMRCh = 2506 = 1000 0880 0910 1000 1340 ... 0800 0880 0910 1010 1360 = AR	CW	(AB-ROU)
UM04	26-6	0700	4735	Wed	VVV VVV PROMRCh = 26 06 = 1000 0880 0900 1000 1340 ... 0800 0880 0910 1010 1360 = AR	CW	(Subilo)
UM04	27-6	0700	4735	Tue	VVVVVV PROMRCh = 27 06 = 1000 0890 0910 1000 1340 ... 0800 0880 0910 1010 1360 = AR	CW	(AB/Subilo)
UM04	28-6	0700	4735	Fri	VVV VVV PROMRCh = 28 06 = 1000 0880 0900 0990 1340 ... 0800 0870 0900 1000 1350 = AR	CW	(Subilo)
UM04	29-6	0658	4735	Sat	VVV VVV PROMRCh = 29 06 = 1000 0880 0900 0990 1340 ... 0800 0870 0890 1000 1340 = AR	CW	(AB-HNG)
UM04	30-6	0700	4735	Sun	VVV VVV PROMRCh = 30 06 = 1000 0870 0890 0990 1340 ... 0800 0860 0880 0990 1330 = AR	CW	(AB-HNG)
UM05	29-6	2032	5345.8	Sat	Brosse (R), H (R), etc.	CW	(AB)
UM05	30-6	0626	5345.8	Sun	Couter (R), Cahier (R), Sucre (R), etc	CW	(AB)
V07	2-6	0700	13927	Sun	942 942 942 1 7631 73 7631 73 30115 77246 39008 ... 05446 30421 99503 000 000	USB	(AB-RUS/Dan/HFD-USA)
V07	2-6	0720	13427	Sun	942 942 942 1 7631 73 7631 73 30115 77246 39008 ... 05446 30421 99503 000 000	USB	(AB-RUS/HFD-USA)
V07	2-6	0740	12127	Sun	942 942 942 1 7631 73 7631 73 30115 77246 39008 ... 05446 30421 99503 000 000	USB	(AB-RUS/HFD-USA)
V07	9-6	0700	13927	Sun	942 942 942 1 6151 96 6151 96 92459 26115 59862 ... 63122 57763 55171 000 000	USB	(Dan/PY)
V07	9-6	0720	13427	Sun	942 942 942 1 6151 96 6151 96 92459 26115 59862 ... 63122 57763 55171 000 000	USB	(PY)
V07	9-6	0740	12127	Sun	942 942 942 1 6151 96 6151 96 92459 26115 59862 ... 63122 57763 55171 000 000	USB	(PY)
V07	16-6	0700	13927	Sun	942 1 2259 74 39794...	USB	(Subilo)
V07	16-6	0720	13427	Sun	942 1 2259 74 39794...	USB	(Subilo)
V07	16-6	0740	12127	Sun	942 1 2259 74 39794...	USB	(Subilo)
V07	23-6	0700	13927	Sun	942 942 942 1 5706 112 5706 112 47381 19459 34681 ... 83327 64888 32423 000 000	USB	(AB-RUS/Dan/PY)
V07	23-6	0720	13427	Sun	942 942 942 1 5706 112 5706 112 47381 19459 34681 ... 83327 64888 32423 000 000	USB	(AB-RUS/PY)
V07	23-6	0740	12127	Sun	942 942 942 1 5706 112 5706 112 47381 19459 34681 ... 83327 64888 32423 000 000	USB	(AB-RUS/PY)
V07	30-6	0700	13927	Sun	942 942 942 1 1683 93 1683 93 85318 55820 29793 ... 43917 76437 90867 000 000	USB	(AB-RUS/Dan)



<b>V07</b>	30-6	0720	13427	Sun	942 942 942 1 1683 93 1683 93 85318 55820 29793 ... 43917 76437 90867 000 000	USB	(AB-RUS)
<b>V07</b>	30-6	0740	12127	Sun	942 942 942 1 1683 93 1683 93 85318 55820 29793 ... 43917 76437 90867 000 000	USB	(AB-RUS)
<b>V13</b>	7-6	0300	11430	Fri	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	10-6	0300	11430	Mon	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	11-6	0300	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	13-6	0300	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	13-6	0330	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	16-6	0100	18040	Sun	New Star Broadcasting	USB	(Rycat)
<b>V13</b>	17-6	0200	8169	Mon	New Star Broadcasting	USB	(PY)
<b>V13</b>	18-6	0300	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	19-6	0300	11430	Wed	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	19-6	0330	11430	Wed	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	19-6	1112	20025	Wed	New Star Broadcasting	USB	(Pof)
<b>V13</b>	19-6	1200	13974	Wed	New Star Broadcasting	USB	(Moon)
<b>V13</b>	20-6	0300	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	20-6	0330	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	21-6	0000	15890	Fri	New Star Broadcasting. Station 3. Messages for units 1168, 3270, 7968	USB	(FSpy)
<b>V13</b>	21-6	0030	18040	Fri	New Star Broadcasting. Station 1. Messages for units 5968, 6068, 9921	USB	(FSpy)
<b>V13</b>	22-6	1012	20095	Sat	New Star Broadcasting	USB	(kalv)
<b>V13</b>	23-6	0000	15890	Sun	New Star Broadcasting. Station 3. Messages for units 6100, 6341, 7614	USB	(FSpy)
<b>V13</b>	24-6	0000	18040	Mon	New Star Broadcasting. Station 1. Messages for units 2130, 2457, 8530	USB	(FSpy)
<b>V13</b>	25-6	0300	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>V13</b>	25-6	0330	11430	Tue	New Star Broadcasting	USB	(Subilo)
<b>VC01</b>	15-6	1854	9510	Sat	Chinese Air Defense aka Chinese Robot	USB	(Rycat)
<b>VC01</b>	24-6	0211	6218	Mon	Chinese Air Defense aka Chinese Robot (female voice)	LSB	(Pigmon)
<b>VC01</b>	24-6	0211	9510	Mon	Chinese Air Defense aka Chinese Robot (male voice)	USB	(Pigmon)
<b>X06</b>	3-6	0801	13395	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(RO)
<b>X06</b>	3-6	0934	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
<b>X06</b>	3-6	0939	23355	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(Moon)
<b>X06</b>	4-6	0827	15687	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(RO)
<b>X06</b>	5-6	1106	16115	Wed	MFA Moscow clg 215346: Russian embassy Mumbai	MFSK-6	(Moon)
<b>X06</b>	6-6	0917	16103	Tue	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(Moon)
<b>X06</b>	6-6	1337	17468	Tue	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(Moon)
<b>X06</b>	9-6	1121	15710	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(RO)
<b>X06</b>	10-6	0815	20690	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(RO)
<b>X06</b>	11-6	0759	13420	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(RO)
<b>X06</b>	11-6	0801	16257	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO)
<b>X06</b>	11-6	0805	14861	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO)
<b>X06</b>	11-6	0810	17523	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO)
<b>X06</b>	11-6	1036	20807	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(Moon)
<b>X06</b>	11-6	1038	20807	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(MeCa)
<b>X06</b>	11-6	1041	16317	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(RO)

<b>X06</b>	11-6	1044	16317	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(MeCa)
<b>X06</b>	11-6	1044	17470	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai //20813 kHz	MFSK-6	(RO)
<b>X06</b>	11-6	1045	20813	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai, on and off a couple of times // 17470 kHz	MFSK-6	(Moon)
<b>X06</b>	14-6	0648	13427	Fri	MFA Moscow clg 341265: Unid Russian embassy	MFSK-6	(RO)
<b>X06</b>	14-6	0913	12177	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(MeCa)
<b>X06</b>	14-6	0917	12177	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(RO)
<b>X06</b>	14-6	0947	14750	Fri	MFA Moscow clg 616143: Test	MFSK-6	(RO)
<b>X06</b>	17-6	0919	23355	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
<b>X06</b>	17-6	0937	18750	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
<b>X06</b>	19-6	1112	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
<b>X06</b>	19-6	1122	14650	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
<b>X06</b>	19-6	1245	18245	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(Moon)
<b>X06</b>	20-6	0925	18197	Tue	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(Moon)
<b>X06</b>	20-6	1333	17468	Tue	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(Moon)
<b>X06</b>	21-6	0829	14425	Fri	MFA Moscow clg 213546: Russian embassy Islamabad	MFSK-6	(RO)
<b>X06</b>	21-6	1015	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(RO)
<b>X06</b>	21-6	1028	12194	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(RO)
<b>X06</b>	23-6	1032	15810	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO)
<b>X06</b>	24-6	0933	13517	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Moon)
<b>X06</b>	25-6	1015	20813	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(Anon)
<b>X06</b>	25-6	1028	11025	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(RO)
<b>X06</b>	28-6	0828	10653	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(RO)
<b>X06</b>	29-6	0652	19511	Sat	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO)
<b>X06b</b>	19-6	1108	8250	Wed	166611 (R10s)	MFSK-6	(PY)
<b>X06b</b>	19-6	1109	10250	Wed	166611 (R5s)	MFSK-6	(PY)
<b>X06b</b>	19-6	1110	10250	Wed	166611 (R20m)	MFSK-6	(Pof)
<b>X06b</b>	19-6	1133	8250	Wed	166611 (R50m)	MFSK-6	(PY)
<b>X06d</b>	19-6	1810	8150	Wed	Tones (R3m10s)	CW	(PY)
<b>X06d</b>	19-6	1814	8300	Wed	Tones (R45s)	CW	(Zok)
<b>X06d</b>	19-6	1815	8300	Wed	Tones (R53s)	CW	(Zok)
<b>XPA1</b>	5-6	1210	13545	Wed	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(AB)
<b>XPA1</b>	5-6	1230	12145	Wed	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(AB)
<b>XPA1</b>	5-6	1250	11145	Wed	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(AB)
<b>XPA1</b>	7-6	1210	13545	Fri	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(PY/HFD)
<b>XPA1</b>	7-6	1230	12145	Fri	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(HFD)
<b>XPA1</b>	7-6	1250	11145	Fri	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(HFD)
<b>XPA1</b>	12-6	1210	13545	Wed	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(PY)
<b>XPA1</b>	12-6	1230	12145	Wed	511 511 511 1 03431 00183 69678 ... 40035 63921 44035	MFSK-20/10Bd	(PY)
<b>XPA1</b>	14-6	1210	13545	Fri	511 511 511 1 03431 00183 69678... 40035 63921 44035	MFSK-20/10Bd	(PY)
<b>XPA1</b>	14-6	1230	12145	Fri	511 511 511 1 03431 00183 69678... 40035 63921 44035	MFSK-20/10Bd	(PY)
<b>XPA1</b>	14-6	1250	11145	Fri	511 511 511 1 03431 00183 69678... 40035 63921 44035	MFSK-20/10Bd	(PY)

XPA1	19-6	1210	13545	Wed	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(PY)
XPA1	19-6	1230	12145	Wed	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(PY)
XPA1	19-6	1250	11145	Wed	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(PY)
XPA1	19-6	1631	8150	Wed	Cut off at 59s during callup	MFSK20/10Bd	(PY)
XPA1	19-6	1635	8150	Wed	Cut off at 1m14s during callup	MFSK20/10Bd	(PY)
XPA1	19-6	1638	8150	Wed	577 577 577 1 02149 00036 99748 37114 42351 58454 27399 Off	MFSK20/10Bd	(PY)
XPA1	21-6	1210	13545	Fri	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB/PY)
XPA1	21-6	1230	12145	Fri	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB/PY)
XPA1	21-6	1250	11145	Fri	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB)
XPA1	26-6	1210	13545	Wed	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB)
XPA1	26-6	1230	12145	Wed	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB/PY)
XPA1	26-6	1250	11145	Wed	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB/PY)
XPA1	28-6	1210	13545	Fri	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB)
XPA1	28-6	1230	12145	Fri	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB)
XPA1	28-6	1250	11145	Fri	511 511 511 1 00189 00177 73889 ... 73532 51751 45046	MFSK-20/10Bd	(AB)
XPA2	1-6	0910	13527	Sat	06955 00078 16925 ... 95691 44980 00567	MFSK-16/20Bd	(AB-S/HFD)
XPA2	1-6	0930	12227	Sat	06955 00078 16925 ... 95691 44980 00567	MFSK-16/20Bd	(AB-S/HFD)
XPA2	1-6	0950	11427	Sat	06955 00078 16925 ... 95691 44980 00567	MFSK-16/20Bd	(AB-S/HFD)
XPA2	1-6	1500	14892	Sat	03469 00001 00000 37661	MFSK-16/20Bd	(AB/HFD)
XPA2	1-6	1520	13492	Sat	03469 00001 00000 37661	MFSK-16/20Bd	(AB/HFD)
XPA2	1-6	1540	12192	Sat	03469 00001 00000 37661	MFSK-16/20Bd	(AB/HFD)
XPA2	2-6	0800	13373	Sun	08114 00001 00000 33661	MFSK-16/20Bd	(AB/HFD)
XPA2	2-6	0820	13973	Sun	08114 00001 00000 33661	MFSK-16/20Bd	(AB/HFD)
XPA2	2-6	0840	14973	Sun	08114 00001 00000 33661	MFSK-16/20Bd	(AB/HFD)
XPA2	3-6	0700	12148	Mon	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB)
XPA2	3-6	0720	13448	Mon	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB)
XPA2	3-6	0740	13948	Mon	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB)
XPA2	3-6	0910	17417	Mon	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB)
XPA2	3-6	0930	15812	Mon	00215 00140 83853 ... 39761 98349 05751	MFSK-16/20bd	(AB)
XPA2	3-6	0950	14504	Mon	00215 00140 83853 ... 39761 98349 05751	MFSK-16/20bd	(AB)
XPA2	3-6	1500	14892	Mon	00553 00229 68290 ... 27508 40805 54047	MFSK-16/20bd	(AB)
XPA2	3-6	1520	13492	Mon	00553 00229 68290 ... 27508 40805 54047	MFSK-16/20bd	(AB)
XPA2	3-6	1540	12192	Mon	00553 00229 68290 ... 27508 40805 54047	MFSK-16/20bd	(AB)
XPA2	4-6	0500	10315	Tue	00261 00102 94887 ... 86322 01313 61455	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	0520	11115	Tue	00261 00102 94887 ... 86322 01313 61455	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	0540	12215	Tue	00261 00102 94887 ... 86322 01313 61455	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	1100	15874	Tue	00256 00144 95235 ... 13106 63665 20442	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	1120	14474	Tue	00256 00144 95235 ... 13106 63665 20442	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	1140	13374	Tue	00256 00144 95235 ... 13106 63665 20442	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	1600	13417	Tue	09826 00256 01935 ... 88626 69230 01463	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	1620	14817	Tue	09826 00256 01935 ... 88626 69230 01463	MFSK-16/20Bd	(AB/HFD)
XPA2	4-6	1640	15917	Tue	09826 00256 01935 ... 88626 69230 01463	MFSK-16/20Bd	(AB/HFD)



XPA2	5-6	0700	12148	Wed	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	0720	13448	Wed	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	0740	13948	Wed	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	0910	17417	Wed	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	0930	15812	Wed	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	0950	14504	Wed	00388 00061 19242 ... 21840 52754 67205	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	1100	15982	Wed	08860 00118 92111 ... 62633 29497 55714	MFSK-16/20bd	(AB)
XPA2	5-6	1120	14982	Wed	08860 00118 92111 ... 62633 29497 55714	MFSK-16/20bd	(AB)
XPA2	5-6	1140	13882	Wed	08860 00118 92111 ... 62633 29497 55714	MFSK-16/20bd	(AB)
XPA2	5-6	1800	17474	Wed	00451 00226 49173 ... 12888 00829 70616	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	1820	16274	Wed	00451 00226 49173 ... 12888 00829 70616	MFSK-16/20bd	(AB/HFD)
XPA2	5-6	1840	14574	Wed	00451 00226 49173 ... 12888 00829 70616	MFSK-16/20bd	(AB/HFD)
XPA2	6-6	0710	20537	Tue	00133 01004 87174 ... 22268 76767 33034	MFSK-16/20Bd	(PY)
XPA2	6-6	0910	11427	Tue	09792 00198 78296 ... 45598 98365 71756	MFSK-16/20Bd	(PY)
XPA2	6-6	0930	12227	Tue	09792 00198 78296 ... 45598 98365 71756	MFSK-16/20Bd	(PY)
XPA2	6-6	1120	14982	Tue	08860 00118 91111 51901 ... 62633 29497 55714	MFSK-16/20Bd	(PY)
XPA2	6-6	1140	13882	Tue	08860 00118 91111 51901 ... 62633 29497 55714	MFSK-16/20Bd	(PY)
XPA2	6-6	1600	14817	Tue	Null message	MFSK-16/20Bd	(PY)
XPA2	7-6	0820	13973	Fri	02657 00400 84518 ... 17735 79464 62771	MFSK-16/20Bd	(PY)
XPA2	7-6	1100	15874	Fri	00256 00144 95236 ... 13106 63665 20442	MFSK-16/20Bd	(PY)
XPA2	7-6	1800	17474	Fri	00451 00226 49173 ... 12888 00829 70616	MFSK-16/20Bd	(PY)
XPA2	7-6	1820	16274	Fri	00451 00226 49173 ... 12888 00829 70616	MFSK-16/20Bd	(PY)
XPA2	7-6	1840	14574	Fri	00451 00226 49173 ... 12888 00829 70616	MFSK-16/20Bd	(PY)
XPA2	8-6	0820	13373	Sat	02657 00400 84518 ... 17735 79464 62771	MFSK-16/20Bd	(PY)
XPA2	8-6	0840	13973	Sat	02657 00400 84518 ... 17735 79464 62771	MFSK-16/20Bd	(PY)
XPA2	8-6	0840	14973	Sat	02657 00400 84518 ... 17735 79464 62771	MFSK-16/20Bd	(PY)
XPA2	8-6	0910	13527	Sat	09792 00198 78296 ... 45598 98365 71756	MFSK-16/20Bd	(PY)
XPA2	8-6	0950	11427	Sat	09792 00198 78296 ... 45598 98365 71756	MFSK-16/20Bd	(PY)
XPA2	8-6	1500	14892	Sat	00553 00229 68290 ... 27508 40805 54047	MFSK-16/20Bd	(PY)
XPA2	10-6	0700	12148	Mon	07376 00611 52745 ... 22068 46894 53542	MFSK-16/20Bd	(PY)
XPA2	10-6	0910	17417	Mon	03273 00001 00000 33662	MFSK-16/20Bd	(PY)
XPA2	10-6	0930	15812	Mon	03273 00001 00000 33662	MFSK-16/20Bd	(PY)
XPA2	10-6	1233	8072	Mon	06758 00031 08381 ... 74718 02075 72316	MFSK-16/20Bd	(MeCa)
XPA2	10-6	1500	14892	Mon	06636 00001 00000 36651	MFSK-16/20Nd	(PY)
XPA2	10-6	1520	13492	Mon	06636 00001 00000 36651	MFSK-16/20Nd	(PY)
XPA2	11-6	0520	11115	Tue	03919 00001 00000 42254	MFSK-16/20Bd	(PY)
XPA2	11-6	0630	17437	Tue	05812 00001 00000 36256	MFSK-16/20Bd	(PY)
XPA2	11-6	1100	15874	Tue	00315 00081 47800 ... 07024 71099 57660	MFSK-16/20Bd	(PY)
XPA2	11-6	1120	14474	Tue	00315 00081 47800 ... 07024 71099 57660	MFSK-16/20Bd	(PY)
XPA2	11-6	1600	13417	Tue	01439 00001 00000 37654	MFSK-16/20Bd	(Rycat)
XPA2	11-6	1620	14817	Tue	01439 00001 00000 37654	MFSK-16/20Bd	(Rycat)
XPA2	12-6	0700	12148	Wed	07376 00611 52745 ... 22068 46894 53542	MFSK-16/20Bd	(PY)

XPA2	12-6	0720	13448	Wed	07376 00611 52745 ... 22068 46894 53542	MFSK-16/20Bd	(PY)
XPA2	12-6	0740	13948	Wed	07376 00611 52745 ... 22068 46894 53542	MFSK-16/20Bd	(PY)
XPA2	12-6	0910	17417	Wed	09607 00001 00000 37661	MFSK-16/20Bd	(Nep)
XPA2	12-6	0930	15812	Wed	09607 00001 00000 37661	MFSK-16/20Bd	(Nep)
XPA2	12-6	0950	14504	Wed	09607 00001 00000 37661	MFSK-16/20Bd	(Nep)
XPA2	12-6	1100	15982	Wed	08860 00118 92111 ... 62633 29497 55714	MFSK-16/20Bd	(PY)
XPA2	12-6	1800	17474	Wed	06960 00085 10808 ... 47468 11052 55203	MFSK-16/20Bd	(Rycat)
XPA2	12-6	1820	16274	Wed	06960 00085 10808 ... 47468 11052 55203	MFSK-16/20Bd	(Rycat)
XPA2	13-6	0500	10315	Tue	03249 00001 00000 36657	MFSK-16/20Bd	(PY)
XPA2	13-6	0520	11115	Tue	03249 00001 00000 36657	MFSK-16/20Bd	(PY)
XPA2	13-6	0540	12215	Tue	03249 00001 00000 36657	MFSK-16/20Bd	(PY)
XPA2	13-6	0630	17437	Tue	07781 00001 00000 35270	MFSK-16/20Bd	(PY)
XPA2	13-6	0910	13527	Tue	07678 00001 00000 40266	MFSK-16/20Bd	(PY)
XPA2	13-6	0930	12227	Tue	07678 00001 00000 40266	MFSK-16/20Bd	(PY)
XPA2	13-6	0950	11427	Tue	07678 00001 00000 40266	MFSK-16/20Bd	(PY)
XPA2	13-6	1100	15982	Tue	08860 00118 92111 ... 62633 29497 55714	MFSK-16/20Bd	(PY/HFD)
XPA2	13-6	1120	14982	Thu	08860 00118 92111 ... 62633 29497 55714	MFSK-16/20Bd	(HFD)
XPA2	13-6	1140	13882	Thu	08860 00118 92111 ... 62633 29497 55714	MFSK-16/20Bd	(HFD)
XPA2	13-6	1600	13417	Tue	06053 00001 00000 32663	MFSK-16/20Bd	(Rycat)
XPA2	13-6	1620	14817	Tue	06053 00001 00000 32663	MFSK-16/20Bd	(Rycat)
XPA2	13-6	1640	15917	Tue	06053 00001 00000 32663	MFSK-16/20Bd	(Rycat)
XPA2	14-6	0800	13373	Fri	05733 00001 00000 36260	MFSK-16/20Bd	(PY)
XPA2	14-6	0820	13973	Fri	05733 00001 00000 36260	MFSK-16/20Bd	(PY)
XPA2	14-6	1120	14474	Fri	00315 00081 47800 ... 07024 71099 57660	MFSK-16/20Bd	(PY)
XPA2	14-6	1800	17474	Fri	06860 00085 10808 ... 47468 11052 55203	MFSK-16/20Bd	(Rycat)
XPA2	14-6	1820	16274	Fri	06860 00085 10808 ... 47468 11052 55203	MFSK-16/20Bd	(Rycat)
XPA2	15-6	0910	13527	Sat	06800 00001 00000 35256	MFSK-16/20Bd	(PY)
XPA2	15-6	0930	12227	Sat	06800 00001 00000 35256	MFSK-16/20Bd	(PY)
XPA2	15-6	1500	14892	Sat	07180 00001 00000 31667	MFSK-16/32Bd	(PY)
XPA2	15-6	1520	13492	Sat	07180 00001 00000 31667	MFSK-16/32Bd	(PY)
XPA2	15-6	1540	12192	Sat	07180 00001 00000 31667	MFSK-16/32Bd	(PY)
XPA2	16-6	0800	13373	Sun	09499 00001 00000 37672	MFSK-16/20Bd	(PY)
XPA2	17-6	0700	12148	Mon	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20Bd	(PY)
XPA2	17-6	0720	13448	Mon	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20Bd	(PY)
XPA2	17-6	0740	13948	Mon	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20Bd	(PY)
XPA2	17-6	0910	17417	Mon	08677 00096 33726 ... 35289 44028 02434	MFSK-16/20Bd	(PY)
XPA2	17-6	0930	15812	Mon	08677 00096 33726 ... 35289 44028 02434	MFSK-16/20Bd	(PY)
XPA2	17-6	0950	14504	Mon	08677 00096 33726 ... 35289 44028 02434	MFSK-16/20Bd	(PY)
XPA2	17-6	1500	14892	Mon	05587 00204 22310 ... 82467 78662 17076	MFSK-16/20Bd	(Rycat)
XPA2	17-6	1520	13492	Mon	05587 00204 22310 ... 82467 78662 17076	MFSK-16/20Bd	(Rycat)
XPA2	17-6	1540	12192	Mon	05587 00204 22310 ... 82467 78662 17076	MFSK-16/20Bd	(Rycat)
XPA2	18-6	0500	10315	Tue	00357 00194 11916 ... 63956 06083 70442	MFSK-16/20Bd	(PY)

XPA2	18-6	0630	17437	Tue	09571 00041 71966 ... 33097 60710 50367	MFSK-16/20Bd	(PY)
XPA2	18-6	0650	19137	Tue	09571 00041 71966 ... 33097 60710 50367	MFSK-16/20Bd	(PY)
XPA2	18-6	1100	15874	Tue	03637 00001 00000 37656	MFSK-16/20Bd	(PY)
XPA2	18-6	1120	14474	Tue	03637 00001 00000 37656	MFSK-16/20Bd	(PY)
XPA2	18-6	1140	13374	Tue	03637 00001 00000 37656	MFSK-16/20Bd	(PY)
XPA2	18-6	1600	13417	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/20Bd	(Rycat)
XPA2	18-6	1620	14817	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/20Bd	(Rycat)
XPA2	18-6	1640	15917	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/20Bd	(Rycat)
XPA2	19-6	0700	12148	Wed	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20Bd	(PY)
XPA2	19-6	0910	17417	Wed	08677 00096 33726 ... 35289 44028 02434	MFSK-16/20Bd	(PY)
XPA2	19-6	0930	15812	Wed	08677 00096 33726 ... 35289 44028 02434	MFSK-16/20Bd	(PY)
XPA2	19-6	0950	14504	Wed	08677 00096 33726 ... 35289 44028 02434	MFSK-16/20Bd	(PY)
XPA2	19-6	1100	15982	Wed	09477 00001 00000 36670	MFSK-16/20Bd	(PY)
XPA2	19-6	1626	8150	Wed	Message. Off during outro tones	MFSK-16/20Bd	(PY)
XPA2	19-6	1641	8150	Wed	Message	MFSK-16/20Bd	(PY)
XPA2	19-6	1820	16274	Wed	00132 00098 56740 ... 47719 05246 61145	MFSK-16/32Bd	(PY)
XPA2	19-6	1840	14574	Wed	00132 00098 56740 ... 47719 05246 61145	MFSK-16/32Bd	(PY)
XPA2	20-6	0500	10315	Tue	00357 00194 11916 ... 63956 16093 70442	MFSK-16/20Bd	(PY)
XPA2	20-6	0650	19137	Tue	09571 00041 71966 ... 33097 60710 50367	MFSK-16/20Bd	(PY)
XPA2	20-6	0710	20537	Tue	09571 00041 71966 ... 33097 60710 50367	MFSK-16/20Bd	(PY)
XPA2	20-6	0910	13527	Tue	08293 00176 21265 ... 95149 10960 67206	MFSK-16/32Bd	(PY)
XPA2	20-6	0930	12227	Tue	08293 00176 21265 ... 95149 10960 67206	MFSK-16/32Bd	(PY)
XPA2	20-6	0950	11427	Tue	08293 00176 21265 ... 95149 10960 67206	MFSK-16/32Bd	(PY)
XPA2	20-6	1100	15982	Tue	07093 00001 00000 32670	MFSK-16/32Bd	(PY)
XPA2	20-6	1120	14982	Tue	07093 00001 00000 32670	MFSK-16/32Bd	(PY)
XPA2	20-6	1140	13882	Tue	07093 00001 00000 32670	MFSK-16/32Bd	(PY)
XPA2	20-6	1600	13417	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/20Bd	(AB)
XPA2	20-6	1600	13417	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/32Bd	(PY)
XPA2	20-6	1620	14817	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/20Bd	(AB)
XPA2	20-6	1620	14817	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/32Bd	(PY)
XPA2	20-6	1640	15917	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/20Bd	(AB)
XPA2	20-6	1640	15917	Tue	00124 00159 27235 ... 70288 35729 04733	MFSK-16/32Bd	(PY)
XPA2	21-6	0800	13373	Fri	00556 00133 40804 ... 45823 77240 00761	MFSK-16/20Bd	(AB/PY)
XPA2	21-6	0820	13973	Fri	00556 00133 40804 ... 45823 77240 00761	MFSK-16/20Bd	(AB/PY)
XPA2	21-6	0840	14973	Fri	00556 00133 40804 ... 45823 77240 00761	MFSK-16/20Bd	(AB/PY)
XPA2	21-6	1100	15874	Fri	04525 00001 00000 36256	MFSK-16/20Bd	(AB/PY)
XPA2	21-6	1120	14474	Fri	04525 00001 00000 36256	MFSK-16/20Bd	(AB/PY)
XPA2	21-6	1140	13374	Fri	04525 00001 00000 36256	MFSK-16/20Bd	(AB/PY)
XPA2	21-6	1800	17474	Fri	00132 00098 56740 ... 47719 05246 61145	MFSK-16/20bd	(AB/PY)
XPA2	21-6	1820	16274	Fri	00132 00098 56740 ... 47719 05246 61145	MFSK-16/20bd	(AB/PY)
XPA2	21-6	1840	14574	Fri	00132 00098 56740 ... 47719 05246 61145	MFSK-16/20bd	(AB)
XPA2	22-6	0910	13527	Sat	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB-S/PY)

XPA2	22-6	0930	12227	Sat	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB-S/PY)
XPA2	22-6	0950	11427	Sat	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB-S/PY)
XPA2	22-6	1500	14892	Sat	05577 00204 22310 ... 82467 78662 17076	MFSK-16/20Bd	(AB/PY)
XPA2	22-6	1520	13492	Sat	05577 00204 22310 ... 82467 78662 17076	MFSK-16/20Bd	(AB/PY)
XPA2	22-6	1540	12192	Sat	05577 00204 22310 ... 82467 78662 17076	MFSK-16/20Bd	(AB/PY)
XPA2	23-6	0800	13373	Sun	00556 00133 40804 ... 45823 77240 00761	MFSK-16/20Bd	(AB/PY)
XPA2	23-6	0820	13973	Sun	00556 00133 40804 ... 45823 77240 00761	MFSK-16/20Bd	(AB/PY)
XPA2	23-6	0840	14973	Sun	00556 00133 40804 ... 45823 77240 00761	MFSK-16/20Bd	(AB/PY)
XPA2	24-6	0700	12148	Mon	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20bd	(AB/PY)
XPA2	24-6	0720	13448	Mon	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20bd	(AB/PY)
XPA2	24-6	0740	13948	Mon	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20bd	(AB/PY)
XPA2	24-6	0910	17417	Mon	08677 00096 33726 ... 35289 44028 12434	MFSK-16/20bd	(AB/PY)
XPA2	24-6	0930	15812	Mon	08677 00096 33726 ... 35289 44028 12434	MFSK-16/20bd	(AB/PY)
XPA2	24-6	0950	14504	Mon	08677 00096 33726 ... 35289 44028 12434	MFSK-16/20bd	(AB/PY)
XPA2	24-6	1500	14892	Mon	01990 00001 00000 35663	MFSK-16/20bd	(AB/PY)
XPA2	24-6	1520	13492	Mon	01990 00001 00000 35663	MFSK-16/20bd	(AB/PY)
XPA2	24-6	1540	12192	Mon	01990 00001 00000 35663	MFSK-16/20bd	(AB/PY)
XPA2	25-6	0500	10315	Tue	02627 00001 00000 37654	MFSK-16/20Bd	(AB/PY)
XPA2	25-6	0520	11115	Tue	02627 00001 00000 37654	MFSK-16/20Bd	(AB)
XPA2	25-6	0540	12215	Tue	02627 00001 00000 37654	MFSK-16/20Bd	(AB)
XPA2	25-6	1100	15874	Tue	09629 00078 35185 ... 36767 64319 31035	MFSK-16/20Bd	(AB/PY)
XPA2	25-6	1120	14474	Tue	09629 00078 35185 ... 36767 64319 31035	MFSK-16/20Bd	(AB)
XPA2	25-6	1140	13374	Tue	09629 00078 35185 ... 36767 64319 31035	MFSK-16/20Bd	(AB)
XPA2	25-6	1600	13417	Tue	05961 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	25-6	1620	14817	Tue	05961 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	25-6	1640	15917	Tue	05961 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	26-6	0700	12148	Wed	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20bd	(AB/PY)
XPA2	26-6	0720	13448	Wed	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20bd	(AB)
XPA2	26-6	0740	13948	Wed	00594 00122 35725 ... 51935 65469 51230	MFSK-16/20bd	(AB)
XPA2	26-6	0910	17417	Wed	08677 00096 33726 ... 35289 44028 12434	MFSK-16/20bd	(AB/PY)
XPA2	26-6	0930	15812	Wed	08677 00096 33726 ... 35289 44028 12434	MFSK-16/20bd	(AB/PY)
XPA2	26-6	0950	14504	Wed	08677 00096 33726 ... 35289 44028 12434	MFSK-16/20bd	(AB/PY)
XPA2	26-6	1100	15982	Wed	05903 00149 60639 ... 66487 90680 31830 22353	MFSK-16/20bd	(AB/PY)
XPA2	26-6	1120	14982	Wed	05903 00149 60639 ... 66487 90680 31830 22353	MFSK-16/20bd	(AB/PY)
XPA2	26-6	1140	13882	Wed	05903 00149 60639 ... 66487 90680 31830 22353	MFSK-16/20bd	(AB/PY)
XPA2	26-6	1800	17474	Wed	00570 00196 62981 ... 83713 54120 33721	MFSK-16/20bd	(AB/PY)
XPA2	26-6	1820	16274	Wed	00570 00196 62981 ... 83713 54120 33721	MFSK-16/20bd	(AB)
XPA2	26-6	1840	14574	Wed	00570 00196 62981 ... 83713 54120 33721	MFSK-16/20bd	(AB)
XPA2	27-6	0500	10315	Tue	08667 00001 00000 37666	MFSK-16/20Bd	(AB)
XPA2	27-6	0520	11115	Tue	08667 00001 00000 37666	MFSK-16/20Bd	(AB)
XPA2	27-6	0540	12215	Tue	08667 00001 00000 37666	MFSK-16/20Bd	(AB)
XPA2	27-6	0630	17437	Tue	07504 00001 00000 35657	MFSK-16/20Bd	(AB)

<b>XPA2</b>	27-6	0650	19137	Tue	07504 00001 00000 35657	MFSK-16/20Bd	(AB)
<b>XPA2</b>	27-6	0710	20537	Tue	07504 00001 00000 35657	MFSK-16/20Bd	(AB)
<b>XPA2</b>	27-6	0910	13527	Tue	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB-S)
<b>XPA2</b>	27-6	0930	12227	Tue	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB-S)
<b>XPA2</b>	27-6	0950	11427	Tue	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB-S)
<b>XPA2</b>	27-6	1100	15982	Tue	05903 00149 60639 ... 66487 90680 31830 22353	MFSK-16/20bd	(AB)
<b>XPA2</b>	27-6	1120	14982	Tue	05903 00149 60639 ... 66487 90680 31830 22353	MFSK-16/20bd	(AB)
<b>XPA2</b>	27-6	1140	13882	Tue	05903 00149 60639 ... 66487 90680 31830 22353	MFSK-16/20bd	(AB)
<b>XPA2</b>	27-6	1600	13417	Tue	09214 00001 00000 34262	MFSK-16/20Bd	(AB)
<b>XPA2</b>	27-6	1620	14817	Tue	09214 00001 00000 34262	MFSK-16/20Bd	(AB)
<b>XPA2</b>	27-6	1640	15917	Tue	09214 00001 00000 34262	MFSK-16/20Bd	(AB)
<b>XPA2</b>	28-6	0800	13373	Fri	03500 00001 00000 33653	MFSK-16/20Bd	(AB)
<b>XPA2</b>	28-6	0820	13973	Fri	03500 00001 00000 33653	MFSK-16/20Bd	(AB)
<b>XPA2</b>	28-6	0840	14973	Fri	03500 00001 00000 33653	MFSK-16/20Bd	(AB)
<b>XPA2</b>	28-6	1100	15874	Fri	09629 00078 35185 ... 36767 64319 31035	MFSK-16/20Bd	(AB)
<b>XPA2</b>	28-6	1120	14474	Fri	09629 00078 35185 ... 36767 64319 31035	MFSK-16/20Bd	(AB)
<b>XPA2</b>	28-6	1140	13374	Fri	09629 00078 35185 ... 36767 64319 31035	MFSK-16/20Bd	(AB)
<b>XPA2</b>	28-6	1800	17474	Fri	00570 00196 62981 ... 83713 54120 33721	MFSK-16/20bd	(AB)
<b>XPA2</b>	28-6	1820	16274	Fri	00570 00196 62981 ... 83713 54120 33721	MFSK-16/20bd	(AB)
<b>XPA2</b>	28-6	1840	14574	Fri	00570 00196 62981 ... 83713 54120 33721	MFSK-16/20bd	(AB)
<b>XPA2</b>	29-6	0910	13527	Sat	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB)
<b>XPA2</b>	29-6	0930	12227	Sat	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB)
<b>XPA2</b>	29-6	0950	11427	Sat	08293 00176 21265 ... 95149 10960 67206	MFSK-16/20Bd	(AB)
<b>XPA2</b>	29-6	1500	14892	Sat	01218 00001 00000 36252	MFSK-16/20Bd	(AB)
<b>XPA2</b>	29-6	1520	13492	Sat	01218 00001 00000 36252	MFSK-16/20Bd	(AB)
<b>XPA2</b>	29-6	1540	12192	Sat	01218 00001 00000 36252	MFSK-16/20Bd	(AB)
<b>XPA2</b>	30-6	0800	13373	Sun	04879 00001 00000 41663	MFSK-16/20Bd	(AB)
<b>XPA2</b>	30-6	0820	13973	Sun	04879 00001 00000 41663	MFSK-16/20Bd	(AB)
<b>XPA2</b>	30-6	0840	14973	Sun	04879 00001 00000 41663	MFSK-16/20Bd	(AB)
<b>XPB</b>	7-6	1340	16247	Fri	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	8-6	1100	13876	Sat	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	10-6	0500	11559	Mon	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	11-6	0500	12159	Tue	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	11-6	1300	20047	Tue	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	12-6	1100	13876	Wed	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	14-6	1350	14947	Fri	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	15-6	1100	13876	Sat	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	17-6	0530	13959	Mon	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	18-6	0500	11559	Tue	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	18-6	1300	20047	Tue	Russian intel.	MFSK-16	(PY)
<b>XPB</b>	19-6	1100	13876	Wed	Russian intel.	MFSK-16	(PY)
<b>XPB1</b>	1-6	1100	13876	Sat	Russian intel.	MFSK-16	(AB)



<b>XPB1</b>	1-6	1110	13376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	1-6	1120	12176	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	1-6	1130	11576	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	1-6	1140	10676	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	1-6	1150	10276	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	3-6	0500	11559	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	3-6	0510	12159	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	3-6	0520	13459	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	3-6	0530	13959	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	3-6	0540	14459	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	3-6	0550	14959	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	4-6	0500	11559	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	0510	12159	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	0520	13459	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	0530	13959	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	0540	14459	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	0550	14959	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	1300	20047	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	1310	19247	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	1320	18247	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	1330	17447	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	1340	16247	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-6	1350	14947	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5-6	1100	13876	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	5-6	1110	13376	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	5-6	1120	12176	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	5-6	1130	11576	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	5-6	1140	10676	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	5-6	1150	10276	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	21-6	1300	20047	Fri	Russian intel.	MFSK-16	(AB/PY)
<b>XPB1</b>	21-6	1310	19247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	21-6	1320	18247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	21-6	1330	17447	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	21-6	1340	16247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	21-6	1350	14947	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	22-6	1100	13876	Sat	Russian intel.	MFSK-16	(AB/PY)
<b>XPB1</b>	22-6	1110	13376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	22-6	1120	12176	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	22-6	1130	11576	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	22-6	1140	10676	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	22-6	1150	10276	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-6	0500	11559	Sun	Russian intel.	MFSK-16	(AB/PY)

<b>XPB1</b>	24-6	0510	12159	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-6	0520	13459	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-6	0530	13959	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-6	0540	14459	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-6	0550	14959	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	0500	11559	Tue	Russian intel.	MFSK-16	(AB/PY)
<b>XPB1</b>	25-6	0510	12159	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	0520	13459	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	0530	13959	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	0540	14459	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	0550	14959	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	1300	20047	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	1310	19247	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	1320	18247	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	1330	17447	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	1340	16247	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-6	1350	14947	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-6	1100	13876	Wed	Russian intel.	MFSK-6	(AB/PY)
<b>XPB1</b>	26-6	1110	13376	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	26-6	1120	12176	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	26-6	1130	11576	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	26-6	1140	10676	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	26-6	1150	10276	Wed	Russian intel.	MFSK-6	(AB)
<b>XPB1</b>	28-6	1300	20047	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1310	19247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1320	18247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1330	17447	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1340	16247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1350	14947	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	29-6	1100	13876	Sat	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	29-6	1110	13376	Sat	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	29-6	1120	12176	Sat	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	29-6	1130	11576	Sat	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	29-6	1140	10676	Sat	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	29-6	1150	10276	Sat	Russian intel.	MFSK-16	(AB/HFD)

## CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-D	Ary Boender via remote rx Germany
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
AB-S	Ary Boender via remote rx Sweden
AB-USA	Ary Boender via remote rx USA
Anon	Anonymous
AVX	AlphaVax, Germany
Dan	Daniel LU5EMM, Argentina
EL	EnryLol via Pryom
EW	Eddy Waters, Australia
Fspy	Feline Spy SWL
HFD	Hans-Friedrich Dumrese, Germany
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-USA	Hans-Friedrich Dumrese via remote rx USA
Kalv	Kalvados
Lac	Lazycrypt
Lazo	Lazo via Priyom
MeCa	Meercat via Priyom
Moon	Moonlight (Dave AU)
NEP	Nepann via Priyom
Pigmon	Pigmon via Pryom
Pof	Pofistal_975 via Priyom
Priyom	Priyom.org
PY	Pierre Ynard, France and via remote rx
RL	Roberto Landolpho, Brazil
RO	Rando One, Sweden
Rycat	Rycat via Priyom
Subilo	Subilo
TM	Time Machine
VSh	V. Shortwaver
WA4OSH	WA4OSH via Priyom
Zen	zenitram via Priyom



## APPENDIX

### Designators of active stations

#### Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrid modes
M(C)	Morse code (Chinese)
P	PSK modes. QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
SK	Various modes used by Cuba, incl. (B)PSK, WinDRM
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

#### Active voice stations

Code	Language	Origin	Related stations
<b>E06</b>	English	Russia	E06, S06, M14, F01, F06, F06a
<b>E07</b>	English	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>E11</b>	English	Poland	E11, E11a, S11a, F03, P03
<b>E11a</b>	English	Poland	E11, E11a, S11a, F03, P03
<b>S06</b>	Russian	Russia	E06, S06, M14, F01, F06, F06a
<b>S06b</b>	Russian	Russia	E06, S06, M14, F01, F06, F06a
<b>S06c</b>	Russian	Russian	E06, S06, M14, F01, F06, F06a
<b>S11a</b>	Russian	Poland	E11, E11a, S11a, F03, P03
<b>S25</b>	Russian	Russia	
<b>V07</b>	Spanish	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>V07F</b>	French	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>V13</b>	Mandarin	Taiwan	
<b>V26</b>	Chinese	China	M95, Q26, V26
<b>V28</b>	Korean	North Korea	
<b>VC01</b>	Chinese	China	VC03, MC03
<b>VC03</b>	Chinese	China	VC01, MC03

#### Active morse stations

Code	Mode	Origin	Related stations
<b>M01</b>	Morse	Russia	M01a
<b>M01a</b>	Morse	Russia	M01
<b>M12</b>	Morse	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>M14</b>	Morse	Russia	E06, S06, M14, F01, F06, F06a
<b>M14d</b>	Morse	Russia	E06, S06, M14, F01, F06, F06a
<b>M21</b>	Morse	Russia	M41
<b>M22</b>	Morse	Israel	
<b>M23</b>	Morse	France	
<b>M41</b>	Morse	Russia	M21
<b>M51a</b>	Morse	France	M51b
<b>M51b</b>	Morse	France	M51a
<b>M76</b>	Morse	?	
<b>M89</b>	Morse	China	
<b>M95</b>	Morse	China	M95, Q26, V26
<b>MC03</b>	Morse	China	VC01, VC03
<b>UM03</b>	Morse	China	
<b>UM04</b>	Morse	Bulgaria	PROMRCh daily schedule
<b>UM05</b>	Morse	France	Morse training. 24/7 operation
<b>UM10</b>	Morse	?	ID repeated for 10 minutes on two parallel frequencies. Messages are rare

### Active digital stations

Code	Mode	Origin	Related stations
<b>F01</b>	FSK	Russia	E06, S06, M14, F01, F06, F06a
<b>F02</b>	MFSK-4/150Bd/4000Hz	Russia	
<b>F03</b>	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
<b>F06</b>	FSK	Russia	E06, S06, M14, F01, F06, F06a
<b>F06a</b>	FSK	Russia	E06, S06, M14, F01, F06, F06a
<b>F07</b>	5 x 16-tone MFSK, 10 Bd, 20 Hz + BPSK, 250 Bd	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>HM01</b>	Voice + WinDRM	Cuba	
<b>M42</b>	Various modes	Russia	
<b>P03</b>	BPSK, QPSK	Poland	E11, E11a, S11a, F03
<b>P07</b>	8-tone OFDM, QSPK, 62.5 Bd, 125 Hz + BPSK, 250 Bd bursts	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>Q26</b>	4+4 QPSK 75/3000 LSB	China	M95, Q26, V26
<b>X06</b>	MFSK-6	Russia	Several variants X06a, X06b, X06c, X06d
<b>XPA1</b>	MFSK-20	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>XPA2</b>	MFSK-16	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1
<b>XPB1</b>	MFSK-16	Russia	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1

### Figures and words used by the various numbers stations

#### Cut numbers

Chinese cut numbers      A U 3 4 5 6 7 D N T  
(M89, M95, MC03, etc)    1 2 3 4 5 6 7 8 9 0

M08a cut numbers      A N D U W R I G M T  
                                  1 2 3 4 5 6 7 8 9 0

Q26 conversion      F J B P G U Y M C W  
                              0 1 2 3 4 5 6 7 8 9

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	— . . — .
Slash /	Oblique	Cirta	
Out	Out	Konets	

Note: M03 and M08a are defunct.

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itmien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	. . — — —	Hai	To	Dwojka	Twso	Two
3	. . . — —	Ba	Fwee	Trojka	Drei	Three
4	. . . . —	Bô'n	Fo	Cienciorka	Vier	Four
5	. . . . .	Năm	Fav	Pietiorka	Funuf	Fiver
6	— . . . .	Sáu	Six	Szest	Sechs	Six
7	— — . . .	Ba y	Seven	Siem	Sieben	Seven
8	— — — . .	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	— . . . .					
/	— . . . .					

## Morse characters

A	. -	1	. - - - -	Full stop (period)	[ . ]	. - . - . -
B	- . . .	2	. . - - -	Comma	[ , ]	- - . . - -
C	- . - .	3	. . . - -	Colon	[ : ]	- - - . . .
D	- . .	4	. . . . -	Question mark	[ ? ]	. . - - . .
E	.	5	. . . . .	Exclamation mark	[ ! ]	- . - . - -
F	. . - .	6	- . . . .	Apostrophe	[ ' ]	. - - - - .
G	- - .	7	- - . . .	Dash or Hyphen	[ - ]	- . . . . -
H	. . . .	8	- - - . .	Slash	[ / ]	- . . - .
I	. .	9	- - - - .	Left-hand bracket	[ ( ]	- . - - .
J	. - - -	0	- - - - -	Right-hand bracket	[ ) ]	- . - - . -
K	- . -			Quotation marks	[ " " ]	. - . . - .
L	. - . .			Equals sign	[ BT = ]	- . . . -
M	- -	Accented letters		Understood		. . . - .
N	- .			Plus sign	[ + ]	. - . - .
O	- - -			Invitation to transmit		- . -
P	. - - .			Wait	[ AS ]	. - . . .
Q	- - - .			End of Transmission	[ SK, VA ]	. . . - . -
R	. - .			End of message	[ AR ]	. - . - .
S	. . .			Starting signal		- . . - .
T	-			Multiplication sign	[ × ]	- . . -
U	. . -			At sign	[ @ ]	. - - . - .
V	. . . -			Break	[ BK ]	- . . . - .
W	. - -			Ampersand	[ & ]	. - . . .
X	- . . .					
Y	- . - -					
Z	- - . .					

See also

<http://udxf.nl/Morse-document.pdf>

<http://udxf.nl/Russian.pdf>

## E11 family digital transmission modes.

Most modes are very much the same and have only very small differences.

### FSK transmissions

F03a	FSK-2 100Bd/200Hz cf + 600Hz
F03b	FSK-2 200Bd/400Hz
F03c	FSK-2 400Bd/960Hz/cf +1120Hz/448-bit period
F03d	FSK-2 200Bd/400Hz/cf +600Hz/448-bit period
F03f	FSK-2 400Bd/800Hz/cf +1200Hz/496-bit period
F03g	BPSK 50Bd/1000Hz/464 bits
F03h	BPSK 100Bd/1000Hz/512 bits
F03i	FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period
F03j	FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period
F03k	FSK-2 400Bd/800Hz/cf +1200Hz/448-bit period
F03l	FSK-2 100Bd/200Hz/cf +700Hz/448-bit period
F11	FSK 100Bd/620Hz and FSK 100Bd/740Hz

### PSK transmissions

P03	Undefined PSK
P03a	BPSK 62.5Bd
P03b	QPSK 62.5Bd
P03c	BPSK 125Bd
P03d	QPSK 125Bd/448-bit period
P03e	QPSK 100Bd/488-bit period
P03f	QPSK 200Bd/496-bit period
P03g	BPSK 50Bd/464-bit period
P03h	BPSK 100Bd/512-bit period
P03i	BPSK 62.5Bd/464-bit period
P03j	QPSK 100Bd/504-bit period
P03k	BPSK 100Bd/480-bit period
P03l	QPSK 100Bd/464-bit period

### Notes:

- Bit Period is the time needed to transmit one bit
- Defunct modes F03a, F03b, F11, P03a, P03b, P03c

## COLOPHON

"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

All information in this newsletter was submitted by independent radio monitors or has been obtained from public available sources and public sites on the web. Wherever data was obtained via the web or elsewhere, references and/or links to these sources have been noted.

Google Earth images: Copyright © Google

Portions of this newsletter may be used in electronic or printed hobby bulletins without prior approval so long as "Numbers & Oddities" is credited as the source. This newsletter may NOT be utilized, partly or wholly, in any other COMMERCIAL media format without the written permission of the Editor. Any breach of this may result in action under international copyright legislation.

### Relevant mailing lists and websites:

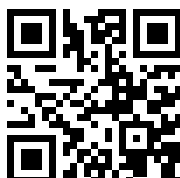
NUMBERS & ODDITIES	<a href="http://www.numbersoddities.nl">http://www.numbersoddities.nl</a>
SPY NUMBERS ONLINE DATABASE	<a href="http://www.spynumbers.com/numbersDB">http://www.spynumbers.com/numbersDB</a>
UDXF - UTILITY DXERS FORUM	<a href="http://www.udxf.nl">http://www.udxf.nl</a>
HF UNDERGROUND	<a href="http://www.hfunderground.com/board/">http://www.hfunderground.com/board/</a>
PRIYOM	<a href="http://priyom.org/">http://priyom.org/</a>
ENIGMA	<a href="http://www.signalshed.com/">http://www.signalshed.com/</a>
NUMBERS STATIONS SCHEDULES	<a href="http://priyom.org/number-stations/station-schedule">http://priyom.org/number-stations/station-schedule</a>

To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

To become a Spooks member go to <http://mailman.qth.net/mailman/listinfo/spooks> fill in the form and follow the instructions that will be mailed to you.

976 27364 92886 89428 61288 14982 30498 32704 81276 81  
986 40932 70987 32123 49817 26346 81287 65491 87364 81  
721 75654 55656 12737 72727 72727 91918 63473 67867 70  
723 87629 37677 32612 53498 71296 28756 18276 98716 87  
7269 76329 74698 76857 98678 27681 56781 57681 73648 1  
7591 87364 87265 96718 27638 12673 84769 28743 98127 0  
768 63298 75698 27465 87326 49876 28376 81273 98615 86  
767 87432 74328 78674 29867 32867 67867 86786 43276 498  
767 68768 68763 34234 34238 68768 62342 48273 48768 230  
736 98432 32432 86743 43286 43286 43286 43286 43286 432  
743 86743 86743 39867 32867 86743 43286 43286 43243 86  
751 86743 86743 86743 86743 86743 86743 86743 86743 86  
753 98798 98754 98754 98754 98754 29867 67543 67986 86  
76 87698 69876 87698 69876 87612 12341 34867 86798 652  
767 43298 65656 56756 56123 32143 14321 32143 14321 321  
78 82787 58765 76587 58765 76587 58765 76587 58756 765  
78743 76587 76587 76587 76587 76587 76587 76587 76587

N&O



UDXF

